ssroom aids for teachers

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Classroom Aids For Teachers

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Free and Inexpensive Resource Materials for Your Library

★

1960

The 1958 edition is out of date; all copies should be destroyed.

TABLE OF CONTENTS

	Page
Processing Teaching Aids	5
The Organization and Maintenance of the Library in a Small School	22
Map and Globe Reference List	27
Maps of Alberta (Provincial Issues)	30
Maps for Schools (Dominion Government Issues)	34
Maps from National Geographic Society	38
Magazines for Teachers	39
Listings of Articles from The Beaver, the National and Canadian Geographics	42
Encyclopedias	47
Catalogs of Free and Inexpensive Materials	48
Official Sources of Information in Canada	49
Publishers' Services	51
Sample Letters of Request	54
List of Free and Inexpensive Materials	55
Index	92

Processing Teaching Aids

Filing Materials

A great many instructional aids are of a transitory nature; they are none the less valuable for that. Such materials include pictures and posters, clippings from newspapers or magazines, pamphlets, leaflets and folders from commercial sources or public agencies, such as those listed in this bulletin. However, teaching aids of this sort are likely to be of limited usefulness unless they are effectively indexed and filed for ready reference.

The best type of file for such material is a filing cabinet, preferably of legal size, in which pamphlets, pictures and clippings are filed under appropriate subject headings in manila folders. However, if a filing cabinet is not available, an orange crate or a strong packing box of suitable size may be used. A suitable procedure in filing might be as follows:

1. Mount all clipped articles and pictures on sheets of typing or kraft paper or light card of uniform size. Alternatively, newspaper clippings may be kept folded in carefully labelled envelopes.

2. Indicate on the back of each the date and source of the clipping or picture.

3. Letter on the back of each clipping or picture a subject-heading. Subject-headings should be functional; that is to say, they should be chosen to fit the purposes of the school or classroom for which the material is being filed. In general, too many subject-headings are more confusing than too few. An elementary teacher might prefer to index such a file under a series of resource headings related to particular enterprises. Many pamphlets contain information related to several topics; such items may be filed under the heading of the topic in connection with which they are of greatest use. Suggested headings from which topics might be chosen according to need are listed at the end of this section.

4. Collect all pictures and clippings with the same subject headings in a manila folder and label the folder with the appropriate subject heading.

5. File the manila folder alphabetically by subject in the vertical file.

6. Pamphlets, posters, maps, leaflets and similar material should be assigned a subject heading and filed in the vertical file with pictures and clippings on the same subject. Where considerable material has accumulated on a single topic, the topic may be divided into sub-headings, and the material re-filed, or at least the flimsy items should be separated from the more bulky items and filed in separate folders, under the same heading, to minimize wear and tear.

7. As pamphlets and clippings often are soon out of date, the file should be checked periodically and weeded out ruthlessly.

8. Check magazines, newspapers, and sources of material regularly to keep the file up-to-date. New material should be selected and added carefully, and with reference to some definite instructional purpose. Do not clutter the file with material which will not be used.

Additional Suggestions

Free reference materials can form a valuable addition to any school or classroom library. However, they are most useful when they are used selectively. The teacher cannot examine all reference materials which the pupil will use. He should, however, be familiar with the principal sources of information available to his class. He should know which of these references contain the most valuable information, which ones are difficult and which are easy to read. He should examine closely pamphlets and magazines which the children might secure. Merely because there exists a pamphlet or a magazine article upon a subject which the children are studying will not ensure that such a pamphlet or magazine article will be useful to the pupils. For example, a pamphlet containing a technical treatment of the cracking of complex hydro-carbons is of little use to a class of Grade V pupils studying oil.

Conversely the teacher should not insist upon being the one to introduce or suggest possible sources of information. Above all, the pupil's initiative in seeking for materials should not be killed. Nevertheless, it is quite possible that the teacher is better able than is the pupil to determine whether or not reference material is suitable for use in the classroom. When a pupil brings reference material to class the teacher should have the opportunity of examining it. The teacher should first commend the pupil for his enterprise in securing the reference. Then, if the material yields little useful information, he should point this out to the pupil and suggest other references which contain more useful information.

A simple file may be started in Grade III with such headings as

ANIMALS

AEROPLANES

BIRDS

PEOPLE
- —Explorers
- —Famous Scientists

PLACES
- —Alberta
- —Canada
- —Mountains
- —Lakes
- —Rivers
- —Seashore

PLANTS
- —Weeds
- —Wild Flowers

TRAINS

SHIPS AND BOATS

Each new enterprise will see certain files grow and become sub-divided. In the more advanced elementary grades the subject heading will become more detailed as is shown in the following:

Subject Headings for A Vertical File

Names of countries may be added to the list as the need arises.

AFRICA.

AGRICULTURE.

ALBERTA.
—Agriculture.
—Biography.
—Cities and towns.
—Description and travel.
—Education.
—Fisheries.
—Flowers.
—Forests and forestry.
—History.
—Indians. See Indians.
—Industries.
—Lumbering.
—Mines and mineral resources.
—National parks.
—Provincial police.
—Roads.

ANIMALS.

ANIMALS—EXTINCT.

ANTARCTIC REGIONS. See Polar Regions.

AQUARIUMS.

ARBOR DAY.

ARCTIC REGIONS. See Polar Regions.

ART AND ARTISTS.

ASIA.

ASTRONOMY.

AUTOMOBILES.

AVIATION.
—Aeroplanes.
—Airports.
—History.

BANKS AND BANKING.

BIBLE.

BIBLIOGRAPHIES AND READING LISTS.

BIOGRAPHY—will probably need subdividing

BIOLOGY.

BIRDS.

BOOKS AND BOOK-MAKING—including awards.

BOTANY.

BRIDGES.

BRITISH COLUMBIA.

BRITISH EMPIRE.

BUILDING.

CALGARY.

CANADA.

—Agriculture.
—Armed Forces.
—Art and artists.
—Biography.
—Description and travel.
—Economic conditions.
—Fishing.
—Government.
—Great Lakes.
—History.
—Indians. See Indians.
—Industries.
—Literature. See Canadian Literature.
—Lumbering
—Manners and customs.
—Merchant marine.
—Mining.
—Missionaries.
—Musicians.
—National parks.
—Railroads.
—Royal Mounted Police.
~~—World war, 1939-45.~~

CANADIAN LITERATURE.

CANALS.

CANNING AND PRESERVING.

CASTLES.

CHOCOLATE.

CHRISTMAS.

CIRCUS.

CITIZENSHIP.

CITIZENSHIP DAY.

CLOCKS AND TIMEPIECES.

CLOTHING AND DRESS—including cosmetics.

COFFEE

COLONIAL LIFE—including Pilgrims and Puritans.

COMMUNICATION.
See also Transportation.

COMMUNITY—will probably need subdividing.

CONSERVATION.
See also Canning and preserving; Diet; Food.

COSTUME—subdivided by country and period or type.

CURRICULUM.

DAIRYING AND DAIRY PRODUCTS.

DAMS.

DANCE AND DANCING.

DICTIONARIES.

DIET.

DOGS. See Animals; Pets.

DOLLS.

DRAWING.

EASTER.

EDMONTON.

ESKIMOS.

EUROPE.

EXPLORERS.

FARM LIFE.

FIRE DEPARTMENT. See Community; Safety.

FIRE PREVENTION.

FIRST AID.

FISHING.

FLAGS.

FLOWERS AND FLOWER ARRANGEMENT.
See also Gardening.

FOOD.
See also Canning and Preserving; Cooking; Diet.

FORESTS AND FORESTRY.
See also British Columbia—Forests and Forestry; Conservation.

FROGS AND TOADS.

FRUIT. See Canning and Preserving; Food.

FUR AND FUR TRADE.

FURNITURE.

GARDENS AND GARDENING.
See also Flowers and Flower arrangement.

GEOLOGY.
See also Mines and Minerals; Volcanoes.

GLASS.

GOVERNMENT.
See also Citizenship; Community.

GREECE, Ancient. See History, ancient.

GUIDANCE. See Personality; Vocational Guidance.

HALLOWE'EN.

HANDICRAFTS.
See also Woodwork.

HEALTH.

HISTORY.
See also subdivision History under separate countries.

HOBBIES.
See also Handicrafts; Woodwork.

HOLIDAYS.
See also names of holidays.

HOME AND SCHOOL ASSOCIATIONS.

HOME ECONOMICS.
See also Canning and preserving; Clothing and dress; Cooking; Food, Furniture; Laundry; Sewing; Textile industry and fabrics.

HOME NURSING.

HOUSE DECORATION.
See also Furniture.

HUDSON'S BAY COMPANY.

INDIANS
See also Masks; Totem poles.

INDUSTRIES.
See also Agriculture; Fishing; Lumbering; Mines and minerals; and subdivision Industries under separate countries.

INSECTS AND SPIDERS.

INVENTIONS AND INVENTORS.

JUNIOR RED CROSS.
See also Red Cross.

KNIGHTS AND KNIGHTHOOD.
See also Middle Ages.

LAUNDRY.

LETTERING.

LIBRARIES.

LIBRARY STUDY AND TEACHING.

LIGHT AND LIGHTING.

LITERATURE.
See also names of literature, e.g., Canadian Literature.

LUMBERING.

MACHINERY.

MAN—PREHISTORIC.

MANITOBA.

MAPS.

MARIONETTES. See Puppets.

MASKS.

MEDALS AND BADGES.

MEDICINE.

METALS.

MIDDLE AGES.
See also Knights and Knighthood.

MILK AND DAIRYING. See Dairying and Dairy Products; Diet; Health.

MINES AND MINERALS.

MODELS.

MONEY.

MOTHER GOOSE. See Nursery Rhymes.

MOTHER'S DAY.

MOVING PICTURES.

MUSIC AND MUSICIANS.
See also subheading "Music and musicians" under separate countries; Opera; Orchestra.

MUSICAL INSTRUMENTS. (See also Orchestra.)

MYTHS.

NAMES.

NEW BRUNSWICK.

NEWFOUNDLAND.

NORTH POLE. See Polar Regions.

NORTH AMERICA.

NORTHWEST TERRITORIES.

NOVA SCOTIA.

NURSERY RHYMES.

OCCUPATIONS.
See also Vocational Guidance.

OCEANIA.

ONTARIO.

OPERAS

ORCHESTRAS
See also Music and Musicians; Musical Instruments.

OUTDOOR LIFE.

PAINTING. See Art and Artists.

PARTIES.
See also Sports and Games.

PERSONALITY.

PETROLEUM.

PETS.

PHONOGRAPH RECORDS.

PHOTOGRAPHY.

PHYSICAL EDUCATION.
See also Health; Sports and Games.

PIRATES.

PLANTS.—including fungi.
See also Flowers and Flower Arangements; Gardens and Gardening.

PLASTICS.

PLAYS.

POEMS.

POLAR REGIONS.

POSTAL SERVICES.

POSTURE. See Health; Personality; Physical Education.

PRINCE EDWARD ISLAND.

PRINTING.

PROJECTS.

PUPPETS.

QUEBEC.

RADIO AND TELEVISION.

RADIO BROADCASTS.

RAILROADS.

RED CROSS.
See also Junior Red Cross.

REMEMBRANCE DAY.

REPTILES.

RIVERS.

ROADS.

ROME—Ancient. See History, ancient.

RUBBER.

SAFETY.
See also Health; Traffic Laws.

ST. PATRICK.

ST. VALENTINE. See Valentine's Day.

SASKATCHEWAN.

SCHOOL PUBLICATIONS.

SCIENCE.
See also Astronomy; Biology; Botany; Geology; Inventions; Mines and Minerals.

SCULPTURE. See also Art and Artists.

SEA LIFE.
See also Fish.

SEASONS.

SEEDS.

SEWING.

SHIPS.
See also Boats and Boatbuilding.

SNAKES. See Reptiles.

SONGS.

SOUTH AMERICA.

SOUTH POLE. See Polar Regions.

SPEECHES.

SPIDERS. See Insects.

SPORTS AND GAMES.
See also Parties.

STORIES.

TEA.

~~TEACHING METHODS~~.

TELEGRAPH. See Communication.

TELEPHONE. See Communication.

TELEVISION. See Radio and Television.

TEXTILE INDUSTRY AND FABRICS.
See also Plastics.

THANKSGIVING DAY.

THEATRE.
See also Costume; Masks; Moving Pictures; Plays; Puppets.

TOTEM POLES.
See also Indians.

TRADE.

TRAFFIC LAWS.
See also Safety.

TRANSPORTATION.
See also Automobiles; Aviation; Canals; Communication; Railroads; Rivers; Roads; Ships.

TREES.
See also Forests and Forestry.

UNITED NATIONS.

VALENTINE'S DAY.

VEGETABLES. See Canning and Preserving; Food; Gardens and Gardening.

VISUAL EDUCATION.

VOCATIONAL GUIDANCE.

VOLCANOES.

WEATHER.

WOODWORK.

WORLD WAR, 1939-45.

YUKON.

Subject Heading for a Picture File.

In case of doubt as to which heading is the most accurate for a given picture let the usefulness to your school be the deciding factor. Put the picture where it will be most useful to you.

In this list the CAPITAL letters indicate the first line of the heading.

Where the name of a country is used, the noun form is generally preferred. In the case of the British Isles use: England, Ireland, Scotland, Wales.

ABBEYS.
Subdivided by country and name.

ADVERTISING ART. See Art and Artists—Advertising.

AGRICULTURE.
Subdivided by country and product.
See also Industries.

AIR FORCE.
Subdivided by country.
See also Costume—Air Force; Medals and Badges.

AIRCRAFT CARRIER. See Navy; Warships.

ALPHABET. See Lettering; Writing.

ANIMALS.
Subdivided by names of animals.

ANIMALS—EXTINCT.

ARCHITECTURE.
Subdivided by period or style and country.

ARMY.
Subdivided by country.
See also Costume—Military; Medals and Badges.

ART AND ARTISTS.
—Advertising art.
—Design.
—Drawings.
—Paintings.
—Alphabetize by artist's surname (see note above).
—Portraits of artists.
—Sculpture.
—Stained glass.

AVIATION.
—Airports. See also Transportation.
—Aeroplanes.
—Aeroplanes—Commercial. See also Transportation.
—Aeroplanes—Military.
—Aeroplanes—Model.
Balloons.
—History.
—Parachutes.

BADGES. See Medals and Badges.

BIBLE.
—New Testament.
—Old Testament.
Subdivided by name of character or title of incident.

BIRDS.
Subdivided by names of birds.

BIRDS—Migration.

BOOKS AND BOOKMAKING—MSS. and Illumination.

BRIDGES.

BRITISH COLUMBIA.
—Description and Travel.
—History.

CALGARY.

CANALS.

CASTLES.
Subdivided by country and names of castles.
See also Middle Ages.

CATHEDRALS.
Subdivided by country and name of cathedral.

CHRISTMAS. See Holidays and Special Days.

CIRCUS.

CLOCKS AND TIMEPIECES.

COATS OF ARMS.
Subdivided by country and province.

COMMUNICATION.
—Newspapers.
—Postal service.
—Radio.
—Telegraph.
—Telephone.

COMMUNITY.
Subdivided by occupations, etc. (as Church, Home, Park, Postman, etc.)

COSTUME.
Subdivided by country and period or type.

COWBOYS.

CRUSADES.
See also Middle Ages.

DAMS.

DANCES.

DESCRIPTION AND TRAVEL.
Subdivided by Africa, Asia, Australia, East Indies, Europe, North America, Oceania (includes New Zealand), Polar Regions, South America, West Indies.

Further subdivided by country (in Canada and the United States by provinces and states also).

Further subdivided by names of cities, national parks, rivers, lakes, mountains, etc., and by such headings as Homes, Manners and Customs.

DIVING—Submarine.

DOLLS.
Including dolls' houses.

EASTER. See Holidays and Special Days.

EDMONTON.
—Location and Scenery.
—History.
—Map.
—Industries.
—Legislative Buildings.
—Airport
—Sports, Entertainment.

ESKIMOS.
—Homes.
—Manners and Customs.

EXPLORERS.
Subdivided by names of explorers.
See also History—Canada.

FAIRIES.
Including brownies, elves, goblins, etc.

FARM LIFE.

FIRE DEPARTMENT. See Safety.

FISH.
Subdivided by names of fishes.

FISHING. See Industries.

FLAGS.
Subdivided by names of countries.

FLOWERS.
Subdivided by names of flowers.

FOOD.

FOREST CONSERVATION.

FORMS OF LAND AND WATER. See Physical Geography.

FROGS AND TOADS.

FRUIT.
Subdivided by names of fruit.

FUR TRAPPING AND TRADE. See Industries.

FURNITURE.

GAMES. See Sports and Games.

GARDENS AND GARDENING.

GEMS.

GOVERNMENT.

GYPSIES.

HALLOWE'EN. See Holidays and Special Days.

HANDICRAFTS AND HOBBIES.

HEALTH.
See also Physiology.
Including gymnastic exercises.

HISTORY.
Subdivided by country and chronology.

HISTORY, CANADA.
—Early Exploration.
—French Colonial (circa 1665-1760).
—British Colonial, 1761-1866.
—Exploration and Settlement of the West, 1774-1886.
—Post Confederation, 1867-.

HISTORY, ENGLAND.
—Early Britain.
—Romans in Britain.
—Anglo-Saxon.
—Norman.
—12th Cent.
—13th Cent.
—14th Cent.
—15th Cent.
—16th Cent.
—17th Cent.
British Colonial.
—18th Cent.
—19th Cent.
—20th Cent.
Great War, 1914-18.
World War, 1939-45.

HOLIDAYS AND SPECIAL DAYS

HOME. See Community.

HOUSE DECORATION.

ILLUSTRATIONS.
Subdivided by titles of stories.

INDIANS.
—Central America.
—North America.
—Pacific Coast.
—Plains.
—Southwest.
—Woodland.
—South America.

INDUSTRIES.
Subdivided by specific industry and country.
See also Agriculture.

INSECTS AND SPIDERS.

INSIGNIA. See Medals and Badges.

INVENTIONS.

ISLANDS. See Description and Travel.

JUNGLE. See names of tropical countries under Travel.

KNIGHTS AND KNIGHTHOOD. See Middle Ages.

LETTERING.

LIGHTHOUSES.

LIGHTING.

LUMBERING. See Industries.

MACHINERY.

MAN—PREHISTORIC.

MAPS.
—Historical.

MEDALS AND BADGES.

MIDDLE AGES.
—Costume.
—Knights and Knighthood.
—Manners and Customs.
—Manorial Life.
—Monasteries and Monastic Life.
—Village Life.
See also Castles; Crusades.

MINEROLOGY. See Gems; Science-Minerology.

MINING. See Industries.

MUSHROOMS. See Plants.

MUSIC AND MUSICIANS.
—Musical instruments.
—Songs.

MYTHS.
—Greek and Roman.
—Norse.

NAVY.
Subdivided by country.
See also Costume—Navy; Medals and Badges; Warships.

NURSERY RHYMES.

OCCUPATION. See Community.

PARLIAMENT. See Government.

PHOTOGRAPHY.

PHYSICAL EDUCATION. See Health.

PHYSICAL GEOGRAPHY.
Subdivided by forms of land and water, e.g., deserts, earthquakes, geysers, glaciers, harbours, volcanoes, etc.

PHYSIOLOGY.
See also Health.

PILGRIMS. See History; Holidays and Special Days—Thanksgiving.

PIRATES.

PLANTS.
Including fungi.

PORTRAITS.
Including homes and families.
For portraits of artists see Art and Artists.
For portraits of musicians see Music and Musicians.

POSTERS.
See also Art and Artists—Advertising.

POTTERY.

POULTRY. See Birds.

PROTECTIVE COLOURING. See Science—protective colouring.

RADIO AND TELEVISION.

REPTILES.
Subdivided by names of reptiles.
For extinct reptiles see Animals—Extinct.

ROADS AND VIADUCTS.

ROYAL CANADIAN MOUNTED POLICE.
See also History, Canada.

SAFETY.
—Fire Fighting.
—Traffic laws.
See also Community.

ST. PATRICK'S DAY. See Holidays and Special Days.

SCIENCE.
—Astronomy.
—Biology.
—Botany.
—Chemistry.
—Electricity.
—Minerology.
—Protective colouring.
—Weather (including clouds).
See also Physical Geography.

SEA LIFE (except fish).
—Anemones.
—Corals.
—Crustaceans.
—Mollusks.
—Seashore.
—Sponges.

SEASONS.

SEEDS. See Science and Botany.

SHIPS. See Transportation—Water.

SNAILS.

SNAKES. See Reptiles.

SPIDERS. See Insects.

SPORTS AND GAMES.

STARS. See Science—Astronomy.

SUBMARINES. See Navy; Warships.

SUNSETS. See Science—Weather.

TELEGRAPH. See Communication.

TELEPHONE. See Communication.

TELEVISION. See Radio and Television.

THANKSGIVING. See Holidays and Special Days.

THEATRE.

TOADS. See Frogs and Toads.

TOURNAMENTS. See Middle Ages.

TRANSPORTATION.
—Air. See also Aviation.
—Aeroplanes.
—Airports.
—History.
—Routes.
—Land.
—Animal.
—History.
—Motor.
—Rail.
—Military.
—Water.
—Boats subdivided by types.
—Docks and wharves.
—History.

TREES.
Subdivided by names of trees.

TUNNELS.

VALENTINE'S DAY. See Holidays and Special Days.

VEGETABLES.
Subdivided by names of vegetables.

VIKINGS.
Including Viking ships.

WATCHES. See Clocks and Timepieces.

WARSHIPS.

WEATHER. See Science—Weather.

WORLD WAR, 1939-45.
See also History, England—20th Cent., World War, 1939-45.

WRITING.

THE ORGANIZATION AND MAINTENANCE OF THE LIBRARY COLLECTION IN A SMALL SCHOOL

As one of the primary aids for teachers is the library, we have decided to make space in this edition of Classroom Aids for a section giving assistance in the elementary organization of a library.

BOOK COLLECTION

I. Initial Organization

(a) Collect all books belonging to the school.

(b) Examine books carefully and discard any that are useless. (Books should be reasonably up-to-date and should be in good condition.)

(c) Mend books which require it. (A helpful booklet on repairing may be obtained free from Gaylord Brothers, Stockton, California. It is entitled **Bookcraft**.)

(d) Clean dirty books by washing with a little soap and a one-third vinegar and two-thirds water solution. Wring cloth out almost dry. Hang the books on a line to dry.

(e) Shellac the dry books and new ones to preserve the backs.

II. Organization for New Books

(a) Sort into:
  (i) easy books (Grades I, II, III).
  (ii) fiction
  (iii) non fiction
  (iv) references

(b) Accession the books. The accession list is a numbered list of all the books in the order in which they are added to the library. This list may be kept in a hard-covered exercise book.

Sample Entries in Accession Book.

Date and Number Sept. 60	Author	Title	Publisher	Price	Remarks
125	J. G. MacGregor	Blankets and Beads	Institute Applied Arts	$2.15	
126	Eric J. Hanson	Dynamic Decade	McClelland & Stewart		
127	J. W. Chalmers	Red River Adventure	Macmillan of Canada	$2.00	Re bound Jan. 62
128	Baker, Hayward	Cassell's English Dictionary	British Book Service	$4.25	

III. Classify the Books

This means arranging them according to some definite plan. The Dewey decimal system is the one used in school libraries. The field of knowledge is divided into ten main classes numbered from 000 to 900. Each of these may be sub-divided but a few divisions are sufficient for a small library.

000 General Works:
  030 Encyclopedias
  050 Periodicals; etc.

100	Philosophy:	
	137	Personality
	150	Psychology
	170	Character Education; etc.
200	Religion:	
	220	Bible stories; etc.
300	Sociology:	
	330	Economics, Conservation
	383	Stamps
	395	Etiquette
	398	Fairy tales, legends, folk lore; etc.
400	Language:	
	425	English
	428	English composition
	433	German
	443	French
	475	Latin; etc.
500	Science:	
	507	Nature study
	510	Astronomy
	550	Geology
	590	Animals
	597	Fish
	598	Birds
	598.1	Reptiles; etc.
600	Useful Arts:	
	608	Inventions
	612	Hygiene
	620	Engineering
	625	Transportation
	630	Communication
	630.1	Radio
	630.2	Television
	640	Farming
	645	Forestry
	650	Home Economics; etc.
700	Fine Arts:	
	770	Photography
	780	Music
	792	Drama (see 822)
	795	Recreation; etc.
800	Literature:	
	809	History of English Literature
	821	Poetry
	822	Plays
	924	Essays, speeches, letters; etc.

900 History:

905	Outlines of history
909	Asia
910	Geography and Travel
910	Africa
917	North America
915	Biography
920	Canada
921	Alberta
930	Ancient
970	Indians
973	United States; etc.

Explanation:

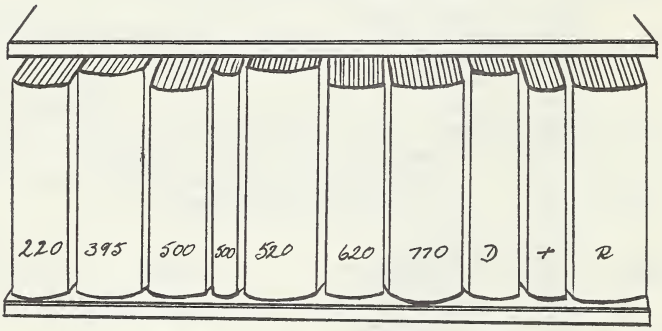
500 includes book on mathematics, botany and zoology.

600 includes books on medicine, mining and manufacturing.

656 includes books on food, clothing, cooking and interior decoration.

795 includes books on hobbies.

915 includes books on autobiography.



Showing classification numbers and letters symbols as they appear on books ready for shelving.

IV. Unclassified Books

Reference books require no classification but should be marked R.

Fiction should be marked with the author's initial and arranged alphabetically on a separate shelf.

Animal stories should be placed with fiction.

Easy books (Grade I, II, III) should be marked + and shelved alphabetically according to the author's name.

Teachers' books. Teachers' professional books should be marked T

V. Preparing Books for Shelves

(a) Enter accession number on lower part of back title page, on page 25 (lower margin and in upper right hand corner of inside front cover).

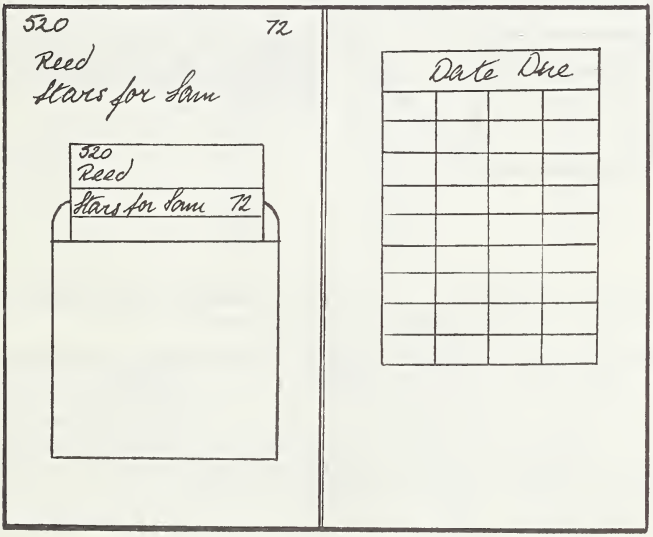
(b) Stamp school identification on the title page and on a page or two throughout the book.

(c) Enter classification number above accession number on back of title page.

(d) Paste a book pocket on inside front cover of book and "date due" slip on the page opposite the front cover.

(e) Prepare a book card writing classification number (upper left corner) the author's surname and title. In right hand corner enter the accession number.

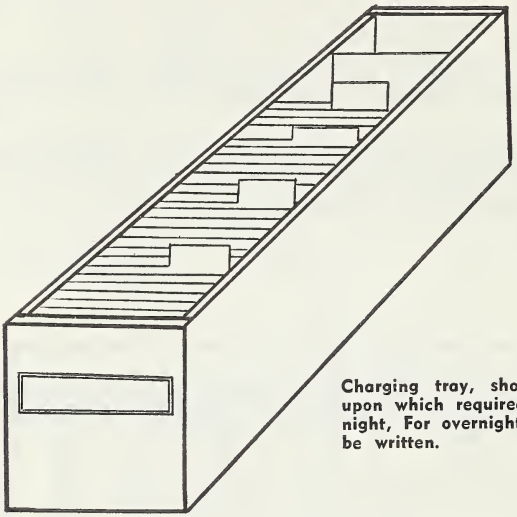
(f) Mark the classification number, or R or +, or the author's initial for fiction books on the back or spine of the book in white ink. (Adhesive tape may be used and the letters put on in India ink).



Inside front cover of book, showing book pocket, with book card inserted, and date due slip pasted on page opposite.

CIRCULATION OF BOOKS

A charge tray and date stamp are required. Guide cards may be made for the charge tray having numbers from 1 to 31 showing on which day of the month a book falls due.



Charging tray, showing guide-cards upon which required headings (overnight, For overnight loans, etc.) will be written.

Have the borrower sign his name on the book card; stamp the book card and "date due" slip, and file the book card.

Returned book should be returned to the library desk **not** to the shelves when the book card is replaced in the book pocket.

Fines. Provision must be made for overdues. The librarian must teach attitudes of responsibility and consideration for others. Fines, if charged, should be small and should not be allowed to accumulate. Record should be kept of fine money and used for library expenses.

ASSISTANTS

Students can be of great help in the library. They need to be carefully instructed in the processes and impressed with the importance of neatness, and accuracy. They can help with the routine clerical jobs as well as with inventories.

Map and Globe Reference List

1. Elementary and Basic Program for all Grades

(a) BASIC MAPS.

	Rand McNally Cat. No.	Price	Denoyer Geppert Cat. No.	Price	Nystrom Cat. No.	Price
Africa	RB500	$14.75	J4RP	$14.50	LP4	$14.50
Asia	RB400	14.75	J3RP	14.50	LP3	14.00
Australia			J1ORP	14.50	BO10	16.75
British Isles			J12RP	14.00	BO12	16.75
Canada	RD102	19.25	S11RP	25.00	LP11*	16.75
Europe	RB300	14.75	J2RP	14.50	LP2	14.50
North America	RB100	14.75	J5RP	14.50	LP5	14.50
South America	RB200	14.75	J6RP	14.50	LP6	14.50
United States	RD101	19.25	SIARX	18.25	LP1	14.50
World	SR903	18.75	S19RP	19.00	LP98	14.00

*St. Lawrence Seaway added.

Concept Developing Material	Beginners Maps		S1004	18.25	Thrall Map symbols. (Pictured set of 5 charts	
	T.E. (set of 8)	20.00	J100V	14.50		20.00

(b) Visual Relief Maps giving a three-dimensional effect. They have value in the physical political field.

Area	Denoyer Geppert Cat. No.	Price	Nystrom Cat. No.	Price
Europe	J2vr	$17.00	Pr2	$15.00
Asia	J3vr	17.00	Pr3	15.00
North America	J5vr	17.00	Pr5	15.00
South America	J6vr	17.00	Pr6	15.00
World	S79	21.50	Pr98	16.50
Africa	J4vr	17.00	Pr4	15.00
U.S.A.	J1vr	17.00	Pr1	15.00

(c) SUPPLEMENTARY MAPS

		Price	
The World and Canada (slated)	C5911b	$25.50	Denoyer Geppert
North America (slated)	RBC5	18.00	Nystrom
Chalkboard World Atlas (see miscellaneous maps)		26.95	Hammonds
North America & South America (slated)	CB100	27.50	Rand McNally
Canada and the World (slated, reversible)		13.95	House of Grant
Alberta International color 30" x 54"		4.80	School-Book Branch

(d) BASIC GLOBES

	Webber Costello Cat No.	Price	Denoyer Geppert Cat No.	Price	Nystrom Cat. No.	Price
Beginners 12"	2224B	$21.50	GIOBXO	$21.50	GMR1204	$15.00
Intermediate 12"			GIIPXO	23.00	GB1204	23.50
Political 12"	2224R	23.00	GIIVRO	23.00	GR1204	23.50

These globes are hand made. Machine-made globes are considerably cheaper than the hand-made globes listed here, and may be ordered from these firms.

(e) SUPPLEMENTARY GLOBES

	Denoyer Geppert		Nystrom Problem Project	
Slated	G203—Project Problem			
	Table Basic	49.75	Table Stand GG222	54.50
	Floor Stand	59.75	Floor Stand GG228	60.25

2. Junior - Senior High School

(a) FOLDING

World Historical or special area maps (order from Catalog)

Webber Costello	Denoyer Geppert	Nystrom
14.75	16.75	5.50

(b) SLATED MAPS

Europe and Africa	CB300	$27.50	Rand McNally
World and United States	CB906	27.50	"
Europe	CJ2b	16.75	Denoyer Geppert
World	CS9b	21.75	"
Canada	CS11b	21.75	"
World	RB9811	19.75	"
Europe	RBC23	18.25	"
British Isles	CJ12b	16.75	"
World and Canada (reversible)	RBC9811	19.75	Nystrom
Europe and Asia (reversible)	RBC23	18.25	"

(c) LANGUAGE MAPS

	Rand McNally		Denoyer Geppert		Nystrom	
	Cat. No.	Price	Cat No.	Price	Cat No.	Price
France (French text)	A1311	19.75	HF24	14.25	1199	11.50
Early Rome (Latin text)			B12	10.00	Jc93	12.75

Russian, Spanish maps also available at Nystroms.

Miscellaneous

Canada Relief Map. Plastic, showing land form in three dimensions. (45" x 49") 8 colors. Self framed. May be cleaned with damp cloth. Price approx. $45.00. Moyer School Supplies Ltd., 10924-119 Street, Edmonton.

Hammonds Chalkboard Wall Atlas. Twelve maps suitable for marking with chalk. Plastic covered. Includes map of Western Canada, (30" x 40"), map of Eastern Canada (30" x 40") and a whole map of Canada, Price $26.95. The Book Society of Canada, Limited, 4386 Sheppard Avenue, Agincourt, Ontario.

Mundy Map of Western Canada. Scale 37 miles to 1 inch. (50" x 50") Linen. Common Roller. Price approx. $18.15. Moyer School Supplies Ltd., 10924-119 Street, Edmonton.

World (Mercator Projector Philips) (Atlantic Centered) Moyer School Supplies Ltd., 10924-119 Street, Edmonton. Price $19.75.

World (Grade's Homolosine Projector) Rand McNally. SR903. Price $17.25.

The World from Home. Series I by Bradley. 13 maps arranged in a small 11" x 11" booklet. Showing the world from various capitals including one of Alberta. 80 cents. School Book Branch.

Land of Canada. 32-page. Illustrated booklet describing physical features of Canada and their influence on Canada's development. 25 cents per copy. Royal Canadian Geographical Society, 54 Park Avenue, Ottawa 4, Ontario.

The Northwest Territories. A reprint of an article by Dr. N. L. Nicholson which appeared in January 1960 issue of the Royal Canadian Geographical Society may be obtained from the society for 50 cents.

Science Charts

Science and Biology charts are available at Nystroms.

Elementary	Set of 32	83.50
Biology	Set of 32	59.50

NAMES AND ADDRESSES OF MAP COMPANIES

Denoyer Geppert Company;

Alberta Representative:

Miss Jessie E. Casselman, Box 157, Calgary, Alberta.

A. J. Nystrom and Company;

Canadian Representative:

C. F. Williams, 3375 Craigend, W., Vancouver, B.C.

Local Representative:

Don Lofquist, Ste. A, 9901-104 Street, Edmonton Alberta.

Rand McNally and Company;

Canadian Representative:

W. J. Gage and Company, Box 550, 1500 Birchmount Road, Scarborough, Ont.

Webber Costello and Company, 57 Ingram Drive, Toronto 5, Ontario

Alberta Representative:

Moyers, 10924-119 Street, Edmonton, Alberta.

Phillips; Available Moyers, 10924-119 Street, Edmonton, Alberta.

House of Grant; 29 Mobile Drive, Toronto 16, Ontario.

Book Society of Canada; 4386 Sheppard Avenue, Agincourt, Ontario.

Maps of Alberta—Provincial Issues

TECHNICAL DIVISION
DEPARTMENT OF LANDS AND FORESTS

Alberta Topographical

Scale 1 inch = 8 miles, in four sheets—size 31½" x 52". Lithographed. Price per sheet 75c Mounted with half rounds top and bottom—$3.00 Complete set $3.00. Mounted with half rounds top and bottom—$8.50.

North West quarter, covers from Township 63 to Northern boundary of Alberta and from Range 6, West 5th Meridian to British Columbia boundary.

North East quarter, covers from Township 63 to Northern boundary of Alberta and from Saskatchewan boundary to Range 7, West 5th Meridian.

South East quarter, covers from Township 1 to Township 63 and from Range 1, West 4th Meridian to Range 8, West 5th Meridian.

South West quarter, covers south east portion of British Columbia, south west portion of Alberta up to Township 63. In the Alberta portion it covers from Range 7, West 5th Meridian to the British Columbia boundary.

On each sheet the townships and sections are in blue outline, railways are in black and roadways are in red. Also shown are ferries, cities, towns, post offices, settlements, forest reserves, national parks, provincial parks, Indian reserves, Metis colonies, radio stations, telegraph lines, elevators, principal airports and seaplane bases.

A lithographed geographical catalogue which describes the location of the place names in Alberta appearing on the Alberta 1" = 8 miles. Map is available for distribution free of charge. This catalogue gives the locations of cities, towns, railway stations, post offices, settlements, posts, lakes, rivers, creeks, mountain ranges and peaks, hills, passes, national and provincial parks, Indian reserves, Metis colonies, airports, ferries and miscellaneous points in Alberta.

Scale 1 inch = 16 miles Size 31½" x 52"
Lithographed. Price of map—$1.00. Mounted with half rounds top and bottom—$3.25. Townships and sections are in blue outline, highways are marked in red; railways, cities, towns, villages and post offices are marked in black; irrigation canals, radio stations, telegraph lines, elevations, forest reserves, national parks, provincial parks, Indian reserves, Metis colonies, ferries, main airports, seaplane and TV bases are also shown.

Scale 1 inch = 35 miles Size 18" x 25½"
Lithographed. Price of map—15c—Mounted with half rounds top and bottom—$1.00. Townships are outlined in black; highways are shown in red; cities and principal towns are shown. Forest Conservation Area is shown in a blue screen.

Soil Zones Map Size 17" x 21"
Lithographed
Scale 1 inch = 40 miles—Price of map 10c—Mounted with half rounds top and bottom—$1.00. Soil zones of Alberta are shown in color. The various types of soils throughout the province with an explanation of each is given at the side of the map.

Edmonton Land Agency Size 36" x 25½"

Lithographed

Scale 1 inch = 12½ miles. Price of map 25c—Mounted with half rounds top and bottom—$2.00. Township 42 to Township 85, from the 4th Meridian to the 6th Meridian. Shows townships and sections in black outline, railways are also marked on this map but highways have been omitted.

Calgary Land Agency Size 28" x 26"

Lithographed

Scale 1 inch = 12 miles—Price of map 25c. Mounted with half rounds top and bottom $1.75. Township 1 to Township 44 from Saskatchewan boundary to the British Columbia boundary. Shows railways, highways, elevations, principal airports, radio stations and parks. Townships and sections are outlined in grey.

Peace River Land Agency Size 24½" x 26"

Lithographed

Scale 1 inch = 12 miles. Price of map 50c. Mounted with half rounds top and bottom—$2.00. Township 60 to the northern boundary of Alberta and from the 5th Meridian to the British Columbia boundary. This map shows railways, highways and elevations. Townships and sections are shown in blue outline.

Settlement Plans

Lithographed

Price of maps vary from 50c to $1.00 depending on size and type. Mounting extra. Various scales and sizes. These are the first Dominion Land Surveys of settlement areas showing survey lines, roadways, lots, acreages and measured distances.

Township Plans Size 14½" x 18"

Lithographed

Scale 1 inch = 40 chains. Price of map 35c—Mounted with half rounds top and bottom $1.00. Shows legal survey of land. Kindly state meridian when ordering.

Planimetric Maps (Alberta Sheets) Size 24" x 26"

Lithographed and Ozalid Prints

Scale 1 inch = 1 mile. Price of map $1.00—Mounted with half rounds top and bottom $2.50. Each map covers approximately nine townships. Maps are compiled from the most recent aerial photographs showing topographical information in detail, gas and oil pipe lines, transmission and telephone lines, surveyed townships, sections and quarter sections. These maps are reproduced on ozalid paper. The coverage for this series is shown on an index which is available from this office free upon request.

Scale 1:40,000 reproduced on ozalid paper are available @ $1.50 per copy.

Access Road Map Size 26" x 42"

Lithographed

Scale 1" = 4 miles. Price of map 50c. Mounted with half rounds top and bottom $2.25. These maps are lithographed in color, show topographic information and are detailed as to locations of bulldozed trails, seismic lines, access roads, main roads and highways. Each map covers two map sheet areas and is shown on an index which is available free upon request.

Forestry Type Maps

Ozalid prints

Scale 1 inch = 1 mile. Price of map $1.00—Mounted with half rounds top and bottom $2.50. 27" x 26". Shows topographic information and the type, height, density and quality of timber stands, and the watersheds. Compiled from the most recent aerial photographs. Index available upon request.

Ozalid Prints

Scale 1:40,000 reproduced on ozalid paper are available @ $1.50 per copy.

Lithographed

Scaled 1" = 2 miles—Price of map $1.20—Mounted with half rounds top and bottom $2.75. 24" x 26". Forest cover map available in several colors. Shows topographic information, type, height, density, etc. of timber stands. Shows also bulldozed trails, seismic lines and access road information. Index available upon request.

Base Map Size 25" x 42"

Lithographed

Scale 1 inch = 20 miles. Price of map 50c. Mounted with half rounds top and bottom $2.25. Shows surveyed townships in black outline. Cities and main towns, railways also shown in black. This is an ideal map for superimposing other information.

Settlement Area Maps Size 33½" x 19½"

Lithographed

Scale 1 inch = 24 miles. Shows public lands open for settlement. (Limited copies free upon request.)

Booklets

Lithographed

Two booklets are available of Public Lands Open for Settlement in the Peace River Area and Public Lands Open for Settlement in the Fringe Area of Central Alberta. Gives soil and topographic descriptions of the areas, climate, transportation facilities, vegetation, land improvements and water supply; also maps showing in detail lands patented, areas reserved from settlement and land which is open for settlement. Settlement policy and homestead regulations in Alberta are also given. (Limited copies free upon request.)

Clearwater Size 38" x 33"

Lithographed

Scale 1 inch = 3 miles—Price of map $1.00—Mounted with half rounds top and bottom $3.00. Township 32 to Township 46, Range 8 to Range 22, West 5th Meridian.

Bow River Size 21" x 48"

Lithographed

Scale 1 inch = 3 miles—Price of map $1.00—Mounted with half rounds top and bottom $2.75. Township 14 to Township 35, Range 4, to Range 12, West 5th Meridian.

Crowsnest Size 16" x 31"
Lithographed
Scale 1 inch = 3 miles. Price of map $1.00—Mounted with half rounds top and bottom $2.25. Township 1 to Township 16, Range 28, West 4th Meridian to Range 5, West 5th Meridian.

These maps show ranger stations, forestry cabins, lookout towers, trails, roads, names of rivers and streams in unsurveyed territory, pack trails and telephone lines and towns.

THE ABOVE PRICES ARE SUBJECT TO REVISION January 1, 1960

To obtain the above maps write to: H. Soley, Director of Technical Division, Department of Lands and Forests, Edmonton, Alberta. Payments may be made by postal note, money order or certified cheque.

Natural Resources Map available: Curriculum Branch, Department of Education, Edmonton.

Price: Free to Teachers. Scale 1 inch = 20 miles. 25" x 42". Shows natural resources, transmission lines, gas and oil fields, pipe lines, airlines, railways, parks, main highways, irrigation areas, forest reserve boundaries, parkland boundaries, cities and main towns.

CANADA

DEPARTMENT OF MINES AND TECHNICAL SURVEYS

SURVEYS AND MAPPING BRANCH

MAP DISTRIBUTION OFFICE

Maps for Schools

The following maps are offered free to **those schools in Canada which are under the jurisdiction of a provincial Department of Education and where geography is taught as part of the regular curriculum:**

Map of: CANADA, 1 inch equal 100 miles;
CANADA, RESOURCES, same scale;
WORLD;
and a TOPOGRAPHIC SERIES MAP, showing the particular school district at the largest scale available.

One free copy of each of these maps can be requested by the **Principal** or **Board of Trustees**. Any additional copies can be purchased at a discount of 40%.

From the list of **General Maps** any map can be purchased by the **Principal, Board of Trustees** or **Teacher** at a discount of 40%.

The **Student** may obtain the same discount if his teacher will certify that the map is for official school use.

Applications should be addressed to:

Map Distribution Office.
Department of Mines and Technical Surveys,
Ottawa, Ontario.

GENERAL MAPS AND CHARTS

GEOGRAPHICAL MAPS

Map No.	Name	Scale 1 inch equals	Colour Tints	Size in inches	Year of issue	Price	Remarks
MCR 1	ALBERTA	35 miles	6	18x25	1948	.15	
MCR 2	ARCTIC N. AMERICA	200 miles	2	20x12	1954	.10	
MCR 3	BRITISH COLUMBIA	35 miles	1	34x31	1942	.25	
MCR 5	Canada, Sheet 1	1:2M (31.5)	10	42x50	1959	1.00	Maps show Federal and Provincial capitals, railways, main highways, counties, townships, etc.
	" Sheet 2	"	10	42x50	1959	1.00	
	" Sheet 3	"	10	42x50	1959	1.00	
MCR 6	CANADA (4 sheets)	35 miles	3	109x83	1951	3.00	This map also obtainable in either 1 or 2 colours.
MCR 8	CANADA, (to 77°30′ N. latitude)	64 miles	11	58½x41¾	1959	1.00	
	Same with rods attached					1.25	
	Extension 77°30′ to Pole			58½x21		.50	

Map No.	Name	Scale 1 inch equals	Colour Tints	Size inches	Year of issue	Price	Remarks
MCR 10	*CANADA	100 miles	7	40x36	1951 revised to 1956	.50	This map may also be obtained on paper, in 1, 2 or 3 colours.
	Same on fabric					1.50	
MCR 15	*CANADA	140 miles	7	32x24	1954	.25	
	Same on fabric					1.00	
MCR 18	CANADA	250 miles	7	17x14	1958	.15	Shows Trans-Canada and other Airlines.
	CANADA	250 miles	3	18x15	1955	.05	Shows main railways, Provincial Capitals and Boundaries.
	CANADA (Outline)	125 miles	1	30x24		.10	Shows Provincial Capitals and Boundaries.
MCR 13	*CANADA RESOURSES	100 miles	13	42x31	1958	.25	Shows farming, forest, mineral, water power and game areas, also fisheries
MCR 25	MANITOBA NORTH	16 miles	4	33x30	1938	.25	North from township 64.
MCR 26	MANITOBA SOUTH	16 miles	4	33x30	1947	.25	South from township 64.
MCR 27	MANITOBA, SASKATCHEWAN, ALBERTA	35 miles	2	42x31	1942	.25	
MCR 29	NEW BRUNSWICK	7.89 miles	7	38x36	1955	.50	
MCR 30	NEWFOUNDLAND	10 miles	2	36x43	1949	.25	Inset shows Labrador on a smaller scale.
MCR 34	NORTHERN HEMISPHERE		2	37x36	1941	.25	Polar equidistant projection.
MCR 35	NORTHWESTERN CANADA (transportation)	50 miles	3	24x34	1958	.25	
	Same without transportation					.25	
MCR 38	NOVA SCOTIA	15.78 miles	12	24x30	1931	.25	Price of this map outside Canada is 75c.
MCR 39	ONTARIO	35 miles	2	36x38	1942	.25	
MCR 40	ONTARIO SOUTH (Outline)	16 miles	1	34x24	1944	.25	Shows County and Township Boundaries.
MCR 41	PRINCE EDWARD ISLAND	3.95 miles	4	38½x34½	1940	.25	
MCR 42	QUEBEC and the MARITIMES	35 miles	2	36x48	1941	.25	
MCR 44	SASKATCHEWAN NORTH	12 miles	4	38x48	1954	.50	North from Township 64
MCR 45	SASKATCHEWAN SOUTH	12 miles	4	38x38	1954	.50	South from Township 64
MCR 47	YUKON	20 miles	2	35x42¾	1950	.25	
MCR 46	WORLD		13	48x32	1954	.50	Shows trade routes, Canadian Trade & Consular Posts.
	Same without trade routes					.50	Also available in 1 or 2 colours.

*French Edition on paper also available.

MAGNETIC MAPS

Map No.	Name	Scale 1 inch equals	Colour Tints	Size inches	Year of issue	Price	Remarks
	ALBERTA, Isogonic	20 miles	3	28¾x44	1957	.25	Shows lines of equal magnetic declination for 1955 and equal annual change
	CANADA, Ixogonic	100 miles	4	40x36	1955	.50	" "
	CANADA, H-Isodynamic	100 miles	4	40x36	1956	.50	" "
	CANADA, F-Isodynamic	100 miles	4	40x36	1956	.50	Shows lines of equal total magnetic intensity for 1955 and equal annual change.
	CANADA, Isoclinic	100 miles	4	40x36	1956	.50	Shows lines of equal magnetic dip for 1955 and equal annual change.
	CANADA, Z-Isodynamic	100 miles	4	40x36	1956	.50	Shows lines of equal vertical intensity for 1955 & equal annual change.
	MANITOBA, Isogonic	20 miles	3	31½x44	1957	.25	Shows lines of equal magnetic delination for 1955 and equal annual change.
	NORTHWEST TERRITORIES and YUKON, Isogonic	80 miles	4	38½x30½	1948	.25	Shows lines of equal magnetic declination for 1948 and equal annual change.
	SASKATCHEWAN, Isogonic	20 miles	3	26½x44	1957	.25	Shows lines of equal magnetic declination for 1955 and equal annual change.

AERONAUTICAL MAPS

AERONAUTICAL Planning Chart (Canada)	5,000,000	4	48x36	1958	.25	Shows controlled air routes, radio ranges, etc.
CANADIAN POLAR Plotting Chart	3,000,000	3	60x42	1958	.25	
NAVIGATIONAL PLOTTING CHART (Northern Canada)	3,000,000	3	48x36	1957	.25	
NAVIGATIONAL PLOTTING CHART (Eastern Canada)	3,000,000	3	48x36	1958	.25	
NAVIGATIONAL PLOTTING CHART (Western Canada)	3,000,000	3	48x36	1957	.25	
TRANS ATLANTIC PLOTTING CHART	3,000,000	3	60x41	1956	.25	

Detailed Maps and Aeronautical Charts

Indexes to maps covering particular areas and indexes to aeronautical charts are available without charge, on request.

Road Maps

Road maps, tourist literature and information on Canada's National Parks may be obtained from the Canadian Government Travel Bureau, Department of Northern Affairs and National Resources, Ottawa, Canada.

Geological Maps

Geological maps and reports are distributed by the Geological Survey of Canada, Department of Mines and Technical Surveys, Ottawa, Ontario.

Nautical Charts

Nautical Charts and publications are distributed by the Canadian Hydrographic Service, Department of Mines and Technical Surveys, 249 Queen Street, Ottawa, Ontario, Canada.

NOTE: WHERE POSSIBLE, PLEASE ORDER BY MAP NUMBER.

Prepayment is required for maps. Remittance should be made by cheque or money order, payable to the Receiver General of Canada and forwarded with your order. Stamps are not acceptable.

Map Distribution Office,

Department of Mines and Technical Surveys,

OTTAWA, Canada.

Maps Available from the National Geographic Society

(Address: National Geographic Society, Washington 6, D.C.)

Prices, as of October, 1959,

Paper - - - $1.00 each.

Fabric - - - - $2.00 each

Indexes - - - - 50c each.

Map Case - - - - - $4.00

(figures refer to footnote)

Africa and the Arabian Peninsula (1)
Northern Africa
Alaska
Antarctica
Asia and Adjacent Areas (2)
Southeast Asia
Southwest Asia (1)
Atlantic Ocean
Australia (1)
Bible Lands of Today
British Isles (1)
California
Canada, Alaska, and Greenland (1)
China
China Coast and Korea (1)
Classical Lands of the Mediterranean (1)
Countries of the Caribbean—Mexico, Central America, West Indies (1)
West Indies (1)
The Far East
East and West Hemispheres (2)
Central Europe including the Balkan States
Europe
Northern Europe
Western Europe (1)
Germany (2)
Indian Ocean (1 and 2)
Map of Heavens (2)
Mexico and Central America (1)
North America (1)
North and South Hemispheres
Pacific Ocean (1)
Philippines
South America (1)
Eastern South America
The Top of the World (Arctic)
The World
U.S.S.R. (Soviet Russia)
Western Soviet Union (2)
United States (1)
Historical Map of United States
Round about the Nation's Capital
Pocket Map of Central and Suburban Washington, D.C. (1 and 2)
New England
North Central United States
Northeastern United States
Great Lakes Region of United States and Canada
Northwestern U.S. and Neighboring Canadian Provinces (1)
South Central United States
Southeastern United States (1)
Southwestern United States (1)
National Parks, U.S. and Canada (1and 2)

(1) Not available in fabric.
(2) Index not available.

Enlarged Maps (on heavy chart paper)

Price $3.75 per copy

Africa	46½"x51"
Asia	62½"x49"
South America	45½"x64"
Europe	50"x57"
The World	68"x47"
United States	68"x47"
Historical Map of United States	67"x43½"
Lands of the Bible today	68"x48"

Magazines for Teachers

GENERAL

Canadian Geographical Journal

Published monthly by The Royal Canadian Geographical Society, 54 Park Avenue, Ottawa, Ontario. Individual subscription included in annual membership fee of $5.00. School subscriptions ordered by school boards directly from the Society are $4.00.

Canadian Audubon

Published in September, November, January, March and May, by the Audubon Society of Canada, 423 Sherbourne Street, Toronto 5, Ontario. Subscriptions $3.00 a year; five or more one year $2.40, twelve or more one year $2.10, hundred or more one year $1.85. Prices quoted for bulk subscriptions are per single subscription, and all copies will be sent to one address.

National Geographic Magazine

Published monthly by the National Geographic Society, Washington, 6, D.C. Educational subscription price $6.75 per year.

NEA Journal

Published monthly except June, July and August by the National Education Association of the United States, 1201 Sixteenth Street N.W., Washington 6, D.C. Subscription included in annual membership fee of $10.00.

Deals generally with the activities, problems and prospects of the teaching profession.

Beaver

Published four times yearly by the Hudson's Bay Company at Beaver House, Winnipeg. $2.00 per year.

Alberta Historical Review

Published quarterly by the Alberta Historical Society. Membership $2.00 per year. Free to members. Address: E. S. George, Treasurer, Historical Society of Alberta, 9817-107 Street, Edmonton, Alberta.

ELEMENTARY

The Arithmetic Teacher

Published monthly, October to May, by the National Council of Teachers of Mathematics, 1201, Sixteenth Street, N.W., Washington 6, D.C. Institutional subscriptions $7.25. Individual subscription included in annual membership fee of $5.25.

Elementary English

Published monthly from October through May by the National Council of Teachers of English, 704 S. Sixth Street, Champaign, Illinois. Subscription $4.00 per year plus 48 cents postage in Canada.

The Elementary School Journal

Published monthly, October to May, by the University of Chicago Press with the Department of Education of the University of Chicago. Price in Canada, $5.00 per year.

The Grade Teacher

Published monthly except July and August by the Education Publishing Corp., Darien, Conn. Price $5.00 per year.

The Instructor

Published monthly except July and August by F. A. Owen Publishing Company, Instructor Park, Dansville, New York. Price $6.00 per year in United States and Canada.

The Reading Teacher

Published four times a year, October, December, February and April by the International Reading Association, 5835 Kimbark Avenue, Chicago 37. Subscription included in annual membership fee of $3.50.

SECONDARY

The English Journal

Published monthly, September to June, by the National Council of the Teachers of English, 704 S. Sixth Street, Champaign, Illinois. Price in Canada, $4.48 per year.

Foreign Trade

Published fortnightly by the Department of Trade and Commerce in Ottawa. Regular price is $2.00 per year. To students a special offer of $1.00 per year. Very useful to Grade XII students and teachers.

The Mathematics Teacher

Published monthly, October to May by the National Council of Teachers of Mathematics, 1201 Sixteenth St. N.W., Washington 6, D.C. Individual subscription included in annual membership fee of $5.25.

The Modern Language Journal

Published eight times a year by the National Federation of Modern Language Teachers' Associations; business office: 7144 Washington Avenue, St. Louis 30, Missouri. Price $4.50 a year in Canada.

School Review

Published quarterly, Spring, Summer, Autumn, Winter, by the University of Chicago Press with the Department of Education of the University of Chicago. Subscription price $5.50 per year.

The Science Teacher

Published by the National Science Teachers Association, 1201 Sixteenth St. N.W., Washington 6, D.C.: 8 issues per year. Price included in membership fee of $6.00 per year.

Social Education

Published monthly, October to May inclusive, by the National Council for the Social Studies, 1201 Sixteenth St. N.W., Washington 6, D.C. Price $5.00 per year.

SUPERVISION

Education Digest

Published monthly, September through May, by the Education Digest, 330 Thompson Street, Ann Arbor, Mich. Subscription price $5.50 a year.

Educational Leadership

Published monthly, October through May, by the Association for Supervision and Curriculum Development, National Education Association, 1201 Sixteenth Street N.W., Washington 6, D.C. Subscription price $4.50 per year in Canada.

Educational Administration and Supervision

Published by Warwick and York Inc. 10 E. Centre Street, Baltimore 2, Maryland. Price $5.70 per year for subscriptions from Canada.

The Alberta Journal of Education Research

Published quarterly by the Faculty Committee on Educational Research, University of Alberta, Edmonton. Price $3.00 per year.

The Bulletin of the National Association of Secondary-School Principals

Published nine times a year by the National Association of Secondary-School Principals of the National Education Association, 1201 Sixteenth Street, N.W., Washington 6, D.C. Price $8.50 per year.

Magazine References

Three very valuable sources of information for teachers of Social Studies are the Canadian Geographical, the National Geographical and the Beaver Magazine. Few articles in these publications fail to relate to some phase of social studies or science teaching. A fourth specialized type of magazine for teachers' reference is the "Alberta Historical Review." Grade V teachers, in particular, should find it of interest.

Old issues of the National Geographical Magazine may be obtained from the National Geographical Society in Washington 6, D.C. at various prices. For second-hand copies of both National Geographical and Canadian Geographical Magazines a possible source is:

Horton's Second-Hand Book Shop,
9916 - 102 Avenue,
Edmonton, Alberta.

Used copies of the National Geographics cost 30 cents each and a year's set $3.50 from this shop. Back copies of Canadian Geographics can be purchased in single copies at the same price. Back copies of the Beaver Magazine may be obtained from Hudson's Bay House, Winnipeg, Manitoba, for the regular price of 50 cents per copy.

Below is listed selected references from recent magazines related to certain areas in social studies or science.

ANTARCTICA

National Geographic.
August, 1956. **"All Out Assault on Antarctica"** by Rear Admrial Byrd (U.S.A. prepares for scientific study in Antarctica during the International Geographical Year): pp. 141 to 180.

National Geographic.
July, 1957. **"We Are Living at the South Pole"** by Paul A. Siple: pp. 5 to 35.

National Geographic.
October, 1959. **"What We've Accomplished in Antarctica"** by George Dufak: pp. 527 to 559.

National Geographic.
September, 1959. **"Years of Discovery Opens in Antarctica"** by David Boyer: pp. 339 to 382.

INDUSTRIAL CANADA

National Geographic.
September, 1956. **"Kitimat—Canada's Aluminum Titan"** by David Boyer: pp. 376 to 398.

Canadian Geographic.
November, 1959. **"Kitimat, Tomorrow's City Today"** by McGuire and Wild: pp. 142 to 161.

Canadian Geographic.
July, 1959. **"Mining in Nova Scotia"** by G. G. Campbell: pp. 3 to 13.

Canadian Geographic.
October, 1957. **"Some Recent Changes in the Economy of Newfoundland"** by W. E. Greening: pp. 128-147.

Beaver.
Spring, 1957. **"Look What They've Done to Logging"** by Ian Sclanders: pp. 36 to 42.

Beaver.
Summer, 1958. **"Atlantic Cowpunchers"** by Mark Ronayne: pp. 23 to 26.

Beaver.
Spring, 1959. **"Arctic Resources"** by J. Lewis Robinson: pp. 9 to 11.

National Geographic.
March, 1959. **"The New St. Lawrence Seaway Opens The Great Lakes to the World"** by Andrew H. Brown: pp. 299 to 339.

Beaver.
Spring, 1957. **"Pay Dirt at Steep Rock"** by Iris Coffin: pp. 4 to 8.

Beaver.
Summer, 1958. **"Oil From the Sands"** by Frances Van Der Lin: pp. 35 to 38. (Story of the Athabasca tar sands.)

National Geographic.
April, 1959. **"New Era on the Great Lakes"** by Nathaniel T. Kenny: pp. 439 to 489.

HISTORY OF WESTERN CANADA

Beaver.
Autumn, 1957. **"Palliser of the Triangle"** by Allan Turner: pp. 4 to 9.

Beaver.
Summer, 1957. **"John West, Pegius"** by Harry Shave: pp. 14 to 19. (Pictures and information from the diary of John West, the Red River Missionary.)

Beaver.
Summer, 1957 **"Spaniards on the Coast"** by John D. Harbron: pp. 4 to 8. (How the Spaniards tried to take and keep Vancouver Island.)

Beaver.
Autumn, 1959 **"Handfuls of History"** by John P. Gillese, pp. 4 to 11. (Tells the story of Ernest Brown, pioneer photographer of early Alberta.)

Beaver.
Summer, 1959. **"The Reluctant Beginnings of Western Commerce"** by Ralph Hedlin: pp. 4 to 9. (Attempts by Sir. Geo. Simpson and others to develop a diversified economy in Red River.)

Beaver.
Spring, 1958. **"The Birth of British Columbia"** by Walter N. Sage: pp. 4 to 11.

Beaver.
Spring, 1958. **"Pro Pella Cutem"** by E. E. Rich: pp. 12 to 15. (Gives the story of the beaver hat and how its popularity created the demand for beaver skins from Canada.)

Beaver.
Winter, 1959. **"Colon Fraser Lives On"** by Iris Allan: pp. 39 to 43.

Beaver.
Summer, 1958. **"On Mackenzie's Trail"** by F. C. Swannell: pp. 9 to 14.

Beaver.
Winter, 1959. **"Alexander Mackenzie as a Surveyor"** by F. C. Swannell: pp. 21 to 25.

Beaver.
Winter, 1957. **"York Factory Issue** (This whole edition deals with the former headquarters of the Hudson's Bay Company in the days when the Indians went to the Bay).

GEOGRAPHY OF CANADA

Canadian Geographic.
February, 1957. **"The Trans-Canada Highway"** by G. B. Williams: pp. 43 to 67.

Canadian Geographical Journal.
August, 1947. **"The Giant Tides of Fundy"** by Paul Zohl: pp. 153 to 192.

Canadian Geographic.
December, 1959. **"The Lunenberg Fisheries Festival"** by Marion G. Rogers: pp. 187 to 194.

National Geographic.
August, 1958. **"British Columbia"** by David Boyer: pp. 147 to 189. (A survey of B.C. on its 100th birthday.)

National Geographic.
January, 1958. **"Winter Brings Carnival Time to Quebec"** by Kathleen Revis: pp. 69 to 97.

National Geographic.
July, 1958. **"The Dew Line"** by Howard La Foy: pp. 128 to 146. (Story of the work on this project.)

Canadian Geographical Journal.
January, 1960. **"The Northwest Territories"** by N. L. Nicholson: pp. 2 to 27.

Beaver.
Spring, 1958. **"Frobisher Bay, Half Way to Somewhere"** by Len Peterson, pp. 48 to 53.

THE ARCTIC AND THE ESKIMO PEOPLE

Canadian Geographical Journal.
August, 1959. **"Eskimo Stone Carving"** by Richard Harrington: pp. 38 to 47.

Beaver.
Spring, 1959. **"Innusivit"** (Our Way of Living) by Father Guy: pp. 29 to 36. (Colored pictures and Eskimo poems.)

Beaver.
Spring, 1959. **"A Vanishing Canadian"** by Doug Wilkinson (The Eskimo): pp. 25 to 28.

Beaver.
Spring, 1958. **"Eskimo Carving Today"** by George Swinton: pp. 40 to 47.

Beaver.
Winter, 1959. **"School in the High Arctic"** by Margery Hands (Teacher at Arctic Bay): pp. 13 to 17.

Beaver.
Autumn, 1959. **"The Eskimos"** by Margaret Mead: pp. 32 to 34. (A description of Eskimo culture.)

Beaver.
Summer, 1959. **"Ports of Call"** by Charles Gempel: pp. 39 to 47. (Nascopie takes supplies north.)

Beaver.
Spring, 1957. **"World Capital, 2059"** by Ritchie Calder: pp. 4 to 8. (Fantasy of a city on Ellesmere Island in the year 2059.)

Beaver.
Autumn, 1958. **"To the Inlanders"** by John R. Sperry: pp. 22 to 25. (Story of the more primitive inland Eskimos who follow the cariboo and who have less contact with civilization.)

Beaver.
Summer, 1958. **"Transition"** by Rosemary Gilliat: pp. 27 to 34. (Shows Indians and Eskimos fitting into our present-day economy.)

SCIENCE FOR GRADES VII, VIII and IX

Canadian Georgraphical Journal.
March, 1958. **"Agriculture in Alberta"** by R. E. English: pp. 98 to 113.

Canadian Geographic.
March, 1958. **"Some Wild Animals of Canada"** by W. V. Crich: pp. 94 to 97.

Canadian Geographic.
September, 1958. **"The Face of the North"** by N. L. Nicholson: pp. 70 to 75.

National Geographic.
December, 1957. **"Bright Days Reveal Secrets of Canada Geese"** by John and Frank Craighead: pp. 817 to 832.

National Geographic.
August, 1959. **"Inside the World of the Honeybee"** by Treat Davidson: pp. 188 to 217.

Beaver.
Autumn, 1958. **"The Wild Life Journals of William Rowan"** by John P. Gillese: pp. 46 to 53 (Alberta birds and animals.)

Beaver.
Winter, 1958. **"Wild Life in Camera"** by Jack Jungrmeyer: pp. 21 to 25. (Pictures of Arctic Animals.)

Beaver.
Summer, 1959. **"Birds of the Arctic"** by E. O. Hohn: pp. 10 to 15.

FOREIGN LANDS

National Geographic.
October, 1958. **"The Islands Called Fiji"** by Luis Marden: pp. 529 to 559.

National Geographic.
July, 1958. **"The Thames"** by Williard Price: pp. 45 to 95. (Detailed description of Port of London.)

National Geographic.
November, 1958. **"The Arab World":** pp. 712 to 732.

National Geographic.
May, 1958. **"Sand in my Eyes"** by Jim Rodger: pp. 664 to 705. (Story of Trip over the Algerian Sahara.)

National Geographic.
March, 1958. **"Argentina: Young Giant of the Far South"** by Jean & Franc Shor: pp. 297 to 351.

National Geographic.
January, 1960. **"Little Laos"** by Elizabeth Perazic: pp. 46 to 69.

National Geographic.
October, 1956. **"Surprising Switzerland"** by Jean and Franc Shore: pp. 427 to 478.

National Geographic.
September, 1959. **"First Hand Look at the Soviet Union"** by Thomas Z. Hamorond: pp. 351 to 411.

ENCYCLOPEDIAS

It is impossible to evaluate thoroughly all the available sets of encyclopedias. However, the following ones are graded excellent on the Hart Chart:

WORLD BOOK, 1960 (continuous revision) Field Enterprises Educational Corporation, Chicago; 19 volumes and Guide; 11,000 pp.; $132.10 suitable for junior and senior high school grades; also of considerable use in the upper elementary grades. Alphabetical arrangement. Alberta Agents: J. L. Gibb, 11002, University Avenue, Edmonton.

COMPTON'S PICTURED, 1960 (continuous revision) F. E. Compton Co., Chicago; 15 volumes, 8,924 pp.; $132.50, suitable for senior and junior high school grades, but also useful in upper elementary grades. Alphabetical arrangement. Canadian Agent: Sturgess Distributors Ltd., 2194 West 4th Avenue, Vancouver 9, B.C.

BRITANNICA JUNIOR, 1960. Encyclopedia Britannica of Canada Ltd. 207, Queen's Quay West, Toronto; 15 volumes; 7,000 pp. approximately; $91.90, suitable for junior high school grades.

AMERICAN PEOPLES, 1959 (continuous revision); The Canadian Education Society, 66 King Street, Winnipeg 2, Manitoba; 20 volumes and Yearbook, 20,000 pp.; $176.00; suitable for senior high school grades.

BOOK OF KNOWLEDGE, 1958, Grolier Society of Canada Ltd.,, Toronto; 20 volumes; 8255 pp.; $104.65; story type of material suitable for Grades I to VII. Subject arrangement.

EVERYMAN'S, 1958, J. M. Dent and Sons Canada Ltd., 1300 Robson Street, Vancouver 5; 12 volumes; $49.50 with discount of 20%; suitable for senior high school grades.

Subsequent independent research on readability confirms the Hart recommendation.

This listing is not an authorization, but rather a recommendation that before any other encyclopedias are bought, they should be very carefully compared with those listed above.

The above prices include delivery.

CANADIANA 1958*, 10 volumes; Initial price to be $149.50; suitable for junior and senior high school grades. Alphabetical arrangement. Alberta Agent: Mr. E. G. Harrison, 202 - 1606 Centre Street, N., Calgary, Alberta.

*Not to be considered as an encyclopedia in the same sense as those mentioned above. This publication gives the story of Canada, past and present.

Catalogs of Free and Inexpensive Materials

Canadian Government Publications. Consolidated Annual Catalog. The Queen's Printer, Ottawa, Ontario. Price $1.00. It gives the titles, with issuance and revision dates, of all the publications that are either available for sale by the Supervisor of Government Publications and departmental agencies, or free from the departments issuing the publications.

Catalog of Free Teaching Aids. G. Salisbury and R. Sheridan. Available from the authors, at P.O. Box 943, Riverside, California. Price $1.50.

Educational Aids Available from the Representatives of Overseas Governments in Canada. Canadian Citizenship Council, 180 Bay Street, Ottawa. Price 15 cents.

Elementary Teachers Guide to Free Curriculum Materials. Educators Progress Service, Randolph, Wisconsin. Price $6.50.

Free and Inexpensive Learning Materials. Division of Surveys and Field Services, George Peabody College for Teachers, Nashville 5, Tennessee.

Something for Nothing in Your Classroom. Curriculum Laboratory, Division of Secondary Education, Teachers College, Temple University, Philadelphia 22, Pennsylvania. Price $1.00.

Sources of Free and Inexpensive Aids. Bruce Miller, Box 222, Ontario, California.

Teaching Aids from Britain. United Kingdom Information Services, 3rd Floor, Imperial Bank Building, Edmonton. Lists films, filmstrips, picture sets, pamphlets, bulletins, maps and posters, photographs, recordings of music and poetry, and official publications, which may be obtained through the Information Services. Additional lists of teaching aids are issued from time to time. This agency is a source of much valuable information on Britain and the Commonwealth, useful especially in the Enterprise and in Social Studies courses. The prices are nominal.

Teaching Aids Obtainable from Department of the Government at Ottawa. Canadian Citizenship Council, 180 Bay Street, Ottawa. Price 10 cents.

Official Sources of Information in Canada

FEDERAL

Information Branch Department of Trade and Commerce Ottawa, Ontario	—Information concerning Canadian economy.
Editorial and Information Division Department of Mines and Technical Surveys Ottawa, Ontario	
Information Services Department of National Health and Welfare Edmonton, Alberta	—Booklets on Health Heroes, contagious diseases.
Editorial and Information Division Department of Northern Affairs and Natural Resources Ottawa, Ontario	—Booklets on birds.
Editorial and Information Division Department of Citizenship and Immigration Ottawa, Ontario	—Booklets on our History and our System of Government and our Land.
Information and Educational Services Department of Fisheries Ottawa, Ontario	
Information Bureau Department of Transport Ottawa, Ontario	—Booklets on weather and climate.
Information Service Department of Agriculture Ottawa, Ontario	—Booklets on all phases of Canadian Agriculture.

PROVINCIAL

Department of Provincial Affairs
St. John's, Newfoundland

Tourist and Information Bureau
Government of Prince Edward Island
Charlottetown, P.E.I.

Department of Trade and Industry
Halifax, Nova Scotia

Department of Industry and Development
Fredericton, N.B.

New Brunswick Travel Bureau
Fredericton, N.B.

Provincial Bureau of Statistics
Quebec, P.Q.

Bureau of Statistics and Research
Government of Ontario
Toronto, Ontario

Department of Travel and Publicity
Government of Ontario
Toronto, Ontario
—Booklets, maps and pictures of Ontario and of cities such as Ottawa, Toronto.

Department of Industry and Commerce
Winnipeg, Manitoba

Government of Saskatchewan
Bureau of Publications
Regina, Saskatchewan

British Columbia Travel Bureau
Government of British Columbia
Victoria, B.C.
—Posters on B.C. mountain scenery; booklets.

OTHER

United Nations Association in Canada
Ottawa, Ontario
—Material on United Nations.

United Kingdom Information Services
Office: Imperial Bank Building
Edmonton, Alberta
—Booklets, posters, statistics, etc.

Publishers' Services

The following periodical professional notes for teachers are available from the addresses noted:—

GINN AND COMPANY
35 Mobile Drive
Toronto 16, Ontario.

Contributions in Reading—20 pamphlet-like publications dealing with all aspects of the reading program.

The Elementary School Notes—and a variety of plays.
Information charts and booklets connected with Science, Today and Tomorrow Series.

BRETT-MACMILLAN LTD.
132 Water Street, South
Galt, Ontario.

A number of **Teacher's Service Bulletins** dealing with phases of the reading program.

THE COPP CLARK CO. LTD
517 Wellington Street W.
Toronto, Ontario.

Monograph for Elementary Teachers—a publication in which various aspects of elementary teaching are dealt with.

The Packet—a small booklet containing a number of articles on elementary education written by experts from various fields.

Study Pamphlets—Small pamphlets dealing with general topics applicable to the whole school.

On the Teaching of Poetry—Teacher's leaflet to accompany **Poems for Boys and Girls.**

CHILDREN'S THEATRE PRESS
Cloverlot
Anchorage
Kentucky

Plays for Children—Catalogue of plays suitable for the elementary school. Price 10c.

W. J. GAGE AND CO. LTD.
Box 550
1500 Birchmount Road
Scarborough, Ontario.

Teaching Trends.

SCOTT, FORESMAN AND COMPANY
Chicago 11, Illinois.

Developing Children's Word-Perception Power. Grades I-III.

NATIONAL SCIENCE TEACHERS ASSOCIATION
1201 Sixteenth Street, N.W.
Washington 6, D.C.

Elementary School Science Bulletin. Published six times a year. Free to members.

FIELD ENTERPRISES EDUCATIONAL CORPORATION
Merchandise Mart Plaza
Chicago 54, Illinois.

World Book Encyclopedia Reprints available to teachers free upon request—**Earth and Star, Library, Horse, Space Travel and Guided Missile, Asia, British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec,** (single copies).

also:

"Childcraft" reprint available to teachers free upon request—**Trees and How They Grow.**

THOMAS NELSON AND SONS (CANADA) LTD.
91 Wellington Street W.
Toronto, Ontario.

The Canadian Teacher's Guide—8 page newspaper type of publication in which details of newest teaching techniques are described. Published bi-monthly.

McKee Reading Bulletins—Such titles as **Back to the First Grade Again, Success in Independent Word Identification, When Should Instruction in Reading Begin? Instruction in Children's Literature, Reading Readiness Must Be Gained First, The Teaching of Phonetic Analysis.**

THE MACMILLAN COMPANY OF CANADA
70 Bond Street
St. Martins House
Toronto 2, Ontario.

Teacher's Service Bulletin—4 times a year. **Handwriting, Arithmetic, Spelling.**

Language Journeys—5 bulletins for use in the teaching of language for Div. I and II.
The Teacher of Language, Parts 1 and 2
Verse-Writing.
The Teaching of Grammar.
Drama in the Classroom.
The Teaching of Spelling.
The Directed Reading Lesson.
Elementary Science in the Classroom.
Are We Making Arithmetic Meaningful to Children?

THE ROYAL BANK OF CANADA
Head Office
Montreal 1, P.Q.

Monthly Letter.

The Communication of Ideas, Of Interest to Executives, Family Budget Book, Financial Training for your Son and Daughter, Woodlots, Conservation of Wildlife.

THE ALBERTA TEACHERS' ASSOCIATION
9929-103 Street,
Edmonton, Alberta.

Alberta Teachers Association Monographs:

Series: Improvement of Instruction.

1. **Action Research.** (A Guide to Curriculum Improvement) E. J. Ingram.
2. **The Improvement of Written Language Through Action Research.** R. D. Armstrong.
3. **Helping the Under Achiever.** Dr. D. J. Chabassol.

*4. **Remedial Reading.** Dr. Marion Jenkinson.
*5. **Developmental Reading.** Dr. Marian Jenkinson.

Series: Problems in Education.

*1. **New Mathematics at the Secondary Level.** Professor D. Crawford.
†2. **New Mathematics at the Elementary Level.**

* These are in the process of being prepared for publication.
† This publication is just in the planning stage and will not be ready for a considerable time.

Sources of Free and Inexpensive Materials

How to Obtain Materials from Sources

Materials should be ordered direct from the organization that produces or sponsors them, and **not from the Department of Education.** Teachers should **not** order materials indiscriminately nor encourage their pupils to do so. Many companies have stopped printing useful educational material, or have become reluctant to distribute it, because of unreasonable requests from teachers. Letters requesting materials should be specific in listing desired titles and should give a clear reason for the request. If such letters are written by individual children or by a committee on behalf of the class, the request for the entire class should be contained in a single letter, which should be countersigned by the teacher. Many sources of educational aids prefer to send their material to teachers only. **Requests should be for single copies, except for those items that are specifically listed as being available in classroom lots.** Sample letters will be found on the following page.

In order to avoid delays or difficulties at the customs, requests to sources outside Canada should give a return address which will indicate clearly that the material is to be used for educational purposes. Use a school address, preferably, or, if possible, write the request on school stationery.

Following is a list of companies or sponsoring agencies from which free or inexpensive material may be obtained. After the address of each company are listed the titles that may be obtained from that address. Each item has been chosen because it is considered of real value in the classroom.

Each title is followed by a brief description of the item, with some indication of the grade level at which it will be found most useful. The items are serially numbered, and the topical index at the end of the list refers to the serial numbers of the items, rather than to page numbers.

For example, if a teacher requires information on Spain, she will locate Spain in the index, where it is followed by the numbers 214 and 215. By referring to these numbers she will find that item 214 is "Tourist folders containing information about various cities and regions" and that item 215 is a map of Spain, and these may be obtained by writing to the Embassy of Spain, 149 Daly Avenue, Ottawa, Ontario.

(Note: The notation (T) suggests material useful for the teacher's reference in the grades indicated.

Sample Letters

TEACHER'S LETTER

Halfway House, Alberta,
Halfway House School,
March 1, 1960.

The Shell Oil Company,
P.O. Box 100,
Calgary, Alberta.

Dear Sirs:

My Grade VI class is studying about the history of Alberta oil and the refining and the production of by-products of oil and gas. May I have single copies of the following pamphlets to assist us in our project:

Canadian Oil

The Jumping Pound Story

The Story of Petroleum

If you have any additional booklets which you think would be valuable for this study I should be very pleased if you would include them also.

Thank you very much for your assistance in this matter.

Yours sincerely,
(Teacher's signature)

PUPIL'S LETTER

Halfway House School,
Halfway House, Alberta,
March 1, 1960.

Office of the New Zealand High Commissioner,
Ottawa, Ontario.

Dear Sir:

Our Grade V class is studying about New Zealand at the present time. We should like to have copies of tourist pamphlets which will give us more information about New Zealand's beauty spots, its people and industries, and if possible something about its trade with Canada.

We should be very pleased if you would select from the pamphlets you have on hand those which you think would be of particular use to us. They will be placed in the library and used by all the students of our class.

Thank you for your help.

Yours sincerely,
(Student's signature)

Teacher's signature.....

Student's letter should be countersigned by teacher.)

List of Free and Inexpensive Materials

ABBOTT LABORATORIES
Public Relations Department
North Chicago, Illinois

1. **How Antibotics are Manufactured.** A set of 6 sheets giving useful information concerning antibiotics. (T).

AETNA LIFE AFFILIATED COMPANIES
Public Education Department
151 Farmington Avenue
Hartford 15, Connecticut

2. A number of small leaflets dealing with safety in the home and in traffic. In single copies to teachers only.

ALBERTA GOVERNMENT TELEPHONES
Edmonton, Alberta

3. **The Magic of Communication.** Booklet 36 pp. Describing how the telephone operates. Junior High. (T).
4. **The Telephone in Canada.** Booklet 54 pp. Illustrated. Telling of the growth of communication by telephone. (T).
5. **Alexander Graham Bell.** Booklet 30 pp. Illustrated. Gives the history of the telephone and of its inventor. Elementary, Junior High.
6. **The Telephone in Alberta.** Typewritten sheets giving summary of history of Alberta Government Telephones. (T) only.

ALBERTA MOTOR ASSOCIATION
109th Street and Kingsway
Edmonton, Alberta

(Requests to be sent to the A.M.A. offices of the district in which the school is situated.)

7. **Canada Policies: Practices for School Safety Patrols.** Small leaflet giving 12 points to remember about school patrols.
8. **Play Yards Are Life Savers.** Pamphlet 12 pp. Illustrated. Outline of a program for development of off-street home play yards. Includes instructions for making playground equipment. Teachers and Supervisors.
9. **Safety Patrol Handbook: How to Organize and Supervise a School Safety Patrol.** Booklet. 58 pp. Illustrated. Principals, Supervisors.
10. **Teacher's Triptik: Your Guide for the Traffic Safety Program.** Booklet. 26 pp. Illustrated. A resource booklet for elementary teachers on all aspects of traffic safety. Elementary (T).
11. **Traffic Safety Guide.** A monthly budget of leaflets and notebook size posters on traffic safety. Separate leaflets for primary grades, upper elementary grades, junior high school grades and rural schools. Teachers' reference.
12. **Safety Posters.** Div. I, Div. II.

ALBERTA WHEAT POOL
Publicity Department
Calgary, Alberta

13. **Student's Story of Co-operation.** Booklet. 21 pp. Describing history and work of co-operatives in Alberta. Junior High.

14. **Grain Varieties in Alberta.** Booklet. 11 pp. Describing varieties of grains grown in Alberta. Very small print. Junior High.

ALLERGY FOUNDATION OF AMERICA
801 Second Avenue
New York 17, New York

15. **Answers to some questions about Allergy and the Allergic Diseases.** Pamphlet. 14 pp. Containing useful information concerning allergies. (T).

ALLIS-CHALMERS MANUFACTURING COMPANY
Public Relations Division
Box 512
Milwaukee 1, Wisconsin

16. **Blown Out Fuses.** Comic book format. Useful information regarding electricity. Elementary.

17. **The Ghost Town That Came to Life.** Comic book format. Use of electricity. Elementary, Junior High.

ALUMINUM COMPANY OF CANADA
1700 Sun Life Building
Montreal, Quebec Province

18. **Kitimat: A Saga of Canada. Booklet.** 24 pp. Illustrated. An account of the Kemano-Kitimat project, reprinted from the Canadian Geographical Journal. Div. I, Div. II, Junior High, Senior High.

19. **The Saguenay Hydro-Electric System.** Folder. Illustrated. Facts about Shipshaw. Elementary (T), Junior High.

20. **Aluminum.** Booklet. 23 pp. Illustrated. Story of 50 years of growth in Canada. Reprint from Canadian Geographical Journal. Elementary (T), Junior High.

21. **Arvida.** Booklet. 7 pp. Illustrated. Story of the aluminum smelters at Arvida, Quebec. Elementary (T), Junior High.

21. **Aluminum.** Pamphlet. 4 pp. Illustrated. Shows processes involved in preparing finished product. Elementary (T), Junior High.

23. **Kit of sample materials.** Containing samples of baunite aluminum and by-products of aluminum manufacturers. Teachers only. Sample of finished aluminum.

24. 2 wall charts showing details of making of aluminum and location of centres in Canada. Of use in Junior High, Senior High.

25. **Kitimat—Tomorrow's City today.** Booklet. 23 pp. On Kitimat, originally published by the Canadian Geographic Society. Useful Junior High reference. Elementary (T).

AMERICAN ART CLAY COMPANY
4717 West Sixteenth Street
Indianapolis 24, Indiana

26. **Amaco Finger Paint.** Leaflet. Illustrated. Div I, Div. II, (T).

AMERICAN FELT COMPANY
Glenville,
Connecticut

27. **The Story of Felt.** Small booklet. 12 pp. Telling how felt is made. Home Economics (T).

28. Chart containing pictures showing how felt is made. Home Economics (T).

29. Leaflets giving sewing instructions for felt accessories, etc. Home Economics (T).

AMERICAN HUMANE EDUCATION SOCIETY
180 Longwood Avenue
Boston 15, Massachusetts

30. **You and Your Dog.** Booklet. 16 pp. Illustrated. Tells how to care far dogs. Elementary (T).

31. **One Morning Long Ago.** 7 pp. Play about St. Francis of Assisi and the birds. Elementary, Junior High. Single copies.

32. **Dog and Cat Care.** Suitable for Elementary (T).

33. A dozen leaflets describing how to care for a variety of pets and how to treat them with kindness and consideration. Elementary (T).

AMERICAN LEAD PENCIL COMPANY
Advertising and Sales Promotion Department
Hoboken, New Jersey

34. **The Story of the Lead Pencil.** A leaflet describing kinds of graphite used and the history of the pencil. Elementary, Junior High.

AMERICAN MEDICAL ASSOCIATION
Health Education Bureau
535 North Dearborn Street
Chicago 10, Illinois

35. A number of pamphlets dealing with health, tips to athletes, exercises, nutrition, etc. (T).

AMERICAN OPTICAL COMPANY CANADA LTD.
120 Wellington Street W.
Toronto, Ontario

36. **The Elements of Optics.** Booklet. 24 pp. In which lenses and light are explained very well with diagrams. (T).

37. **The Microscope.** Booklet. 56 pp. Gives details of how to use a microscope. (T).

AMERICAN PETROLEUM INSTITUTE
50 West 50th Street
New York 20, New York

38. **Oil is Where You Find It.** Booklet. 15 pp. Describing how oil is located. (T).

39. **Indispensable Lifeline.** Booklet. 15 pp. Describing the transportation of oil. (T).

40. **Prescription for Progress.** Booklet. 15 pp. Describing oil refining. (T).

41. **Petroleum in Our Modern Society.** Booklet. 14 pp. Information concerning the uses of petroleum in our modern world. (T).

AMERICAN POTASH INSTITUTE INC.
1102 16th Street N.W.
Washington 6, D.C.

42. **The Development of the American Potash Industry.** Leaflet. 12 pp. Illustrated. Exploitation and development of potash in the U.S. since 1910, with notes on uses. Senior High.

43. **Starved Plants Show Their Hunger.** Leaflet. 8 pp. Illustrated. Effects on certain common plants of deficiency of certain plant nutrients. Junior High, Senior High.

44. **Principles Involved in Soil Testing.** Booklet. 9 pp. Discusses types of soils and uses of various fertilizers. Junior High, Senior High.

You Can Grow A Good Garden;
Learn Hunger Signs of Crops;
What is the Matter with Your Soil;
Leaf Analysis;
Sampling Soil for Chemical Tests;
You can Grow a Good Lawn;
High Nitrogen Increases Potash needs of Grasses;
Soil Tests;

45. The above booklets would be useful in soil analysis in Grades VII, VIII, IX.

46. **How Different Plant Nutrients Influence Plant Growth.** Leaflet. 8 pp. Illustrated. Notes on thirteen elements most important for plant nutrition. Junior High, Senior High.

47. **What's in That Fertilizer Bag?** Leaflet. 16 pp. A study of the plant nutrient content of commercial fertilizers. Senior High.

48. **Forest Fertilization.** Booklet. 57 pp. Illustrated. Deals with commercial forestry. Div. II (T), Junior High.

AMERICAN RAMBOUILLET SHEEP BREEDERS' ASSOCIATION
2709 Sherwood Way
San Angelo, Texas

49. **Rambouillet. Booklet.** 18 pp. On Rombouillet sheep. Junior High. (T).

50. 2 large pictures showing 1. A Rambouillet Ram; 2. A Rambouillet Ewe. (T).

AMERICAN REEDCRAFT CORPORATION
417 Lafayette Avenue
Box 154
Hawthorne, New Jersey

51. **Creative Handicraft.** 94 pp. Catalogue describing in detail equipment for handicraft and hobbies. Teachers only.

AMERICAN SEATING COMPANY
9th and Broadway
Grand Rapids 2, Michigan

52. 3 large colored posters depicting the advantages of good posture. Good posture buttons. Information on back describes how to determine height of desk to seat individual students. Elementary, Junior High (T).

AMERICAN ZINC INSTITUTE INC.
60 East 42nd Street
New York 17, New York

53. **Zinc: A Mine to Market Outline.** Booklet. 96 pp. Illustrated. On uses of Zinc. Suitable for Senior High.

ANACONDA AMERICAN BRASS COMPANY
Advertising Department
New Toronto, Ontario

54. **Copper: Common Coinage of the World.** Chart showing many coins for different countries. Elementary, Junior High.

ARMOUR AND COMPANY
Public Relations Department
Chicago 90, Illinois

55. **Armour Food Source Map.** Colored animated map of the United States showing sources of principal foodstuffs, 24"x37". Reverse: Story of the American food industry. Div. I, Div. II (T), Junior High.

ARMSTRONG CORK COMPANY
Lancaster, Pennsylvania

56. **The Story of Cork.** Booklet. 12 pp. Illustrated. How cork is produced, its uses. Elementary (T), Junior High.

ASSOCIATION OF AMERICAN RAILROADS
Public Relations Department
Transportation Building
Washington 6, D.C.

57. **Teacher's Manual.** Booklet. 50 pp. Contains suggested study outline and source material. Elementary (T), Junior High (T).
58. Set of 41 pictures showing development of early railroads to the operation of present day trains. Div. II, Junior High.
59. **The Stories Behind the Pictures.** Booklet. 60 pp. To be used with the set of pictures listed above. Div. II (T), Junior High (T).
60. **Clear the Track.** Booklet. 15 pp. Comic type format. Shows some of the more dramatic type of work done by the road maintenance crews. Div. II.
61. **Railroad.** Booklet. 17 pp. Illustrated. Reprint from The World Book Encyclopedia. Covers all phases of railroad operation. Div. II, Junior High.
62. **The Day of Two Noons.** Booklet. 20 pp. About standard time and the railways. Div. II (T), Junior High.
63. **Train Display Streamer.** 8½" high, 160" long, printed front and back to show freight and passenger trains in color. Elementary, Junior High.
64. **Rails Across America**. Booklet. 16 pp. Comic type format. History of the railway in America. Div. II.
65. **Tommy and Tess Take a Train Trip.** 15 pp. Coloring book. Elementary.
66. **All Aboard Mr. Lincoln.** Booklet. 15 pp. Comic type format. Gives the history of American railroads as related to Lincoln. Elementary.
67. **The Wheel of Progress.** Booklet. 15 pp. Comic type format. Shows how trains relate to industry. Elementary.
68. **Special Agent.** Booklet. 15 pp. Comic type format. Story of the work of railway police. Elementary.

ATCHISON, TOPEKA AND SANTA FE RAILWAY SYSTEM
Public Relations Department
East Jackson Boulevard
Chicago, Illinois

69. **The Railroad.** Booklet. 33 pp. Illustrated. About railroads and railroading with emphasis on the Sante Fe. Pictures on the history of railroading. Div. I, Div. II, Junior High.

AUSTRALIAN HIGH COMMISSIONER'S OFFICE
Ottawa, Ontario

70. **Australian Panorama.** Booklet. 64 pp. Illustrated. Showing life in all phases in Australia. Elementary, Junior High.

71. **Australia in Brief.** Booklet. 72 pp. Illustrated. A handbook of history, geography, government, social and industrial life. Div. I (T), Div. II, Junior High.

72. **Birds and Animals of Australia.** Booklet. 21 pp. Color illustrated. This should prove useful as a Teachers' Reference in Elementary, Junior High.

73. **Australia in Facts and Figures.** Booklet. 96 pp. An official handbook of Australian policy, economy and administration during the June quarter, 1959. Junior High, Senior High.

74. **Native Flowers.** Booklet. 21 pp. Color illustrated. This should prove useful as a Teachers' Reference in Elementary, Junior High.

75. **A Look at Australia.** Booklet. 30 pp. Illustrations of various aspects of life in Australia. Div. II.

76. Teachers' kits will be made available to teachers. Material will be selected from publications available at the time the request is made.

BAKERY FOODS FOUNDATION OF CANADA
Miss C. Trerice, Nutritionist
Room 311, The Odeon Building
20 Carlton Street
Toronto 5, Ontario

77. **Bread in the Making.** Booklet. 14 pp. Illustrated. Story of bread manufacture. Also teacher's guide to use with booklet. Elementary.

78. **Enriched Bread.** Booklet. 11 pp. Illustrated. Explains the nutrient value of enriched flour. Elementary (T).

79. **Map Your Meals.** Booklet. 12 pp. Tells how to plan a balanced diet. Also teacher's guide to go with booklet. Elementary (T).

80. **Score with Breakfast.** Booklet. 4 pp. Colorful booklet setting forth breakfast suggestions and underscoring the need for a nutritious breakfast. (T).

81. **Pack-it-Meal.** Suggestions for nutritious school lunches. (T).

BAUSCH AND LOMB OPTICAL COMPANY
Rochester 2, New York

82. 2 charts showing operation of microscope. Useful in Grade X study of light.

83. **Milestones in Optical History.** Booklet. 31 pp. Beautifully illustrated in color showing such men as Leeuwenhoek at work. Pictures are accompanied by text. Useful in upper elementary, Junior High.

84. **Depth of Focus.** Booklet. 35 pp. Illustrated. Gives technical information about various lenses. Senior High.

85. **Experiments Using the 3-D Microscope.** Booklet. 10 pp. Describes the experimental work that can be done with this lens. Senior High.

86. **Your Eyes and How they Function.** Small useful booklet defining terms such as myopia, astigmatism, etc. (T).

87. **The Care and Nurture of Coated Lenses.** Booklet. 15 pp. Tells how to care for coated lenses. Senior High.

BECTON, DICKINSON AND COMPANY
Rutherford, New Jersey

88. **Coaches' Manual.** Booklet. 31 pp. Illustrated. Useful to coaches who need to have some idea about bandaging, sprains, etc. (T) only.

BELDING-CORTICELLI LTD.
Box 9
Montreal 3, P.Q.

89. **The Romantic Story of Silk.** Booklet. 20 pp. Illustrated. History of silk, its production and manufacture into cloth. Elementary.

90. **The Proper Selection and Use of Sewing Threads.** Leaflet. 4 pp. Useful in Home Economics classes.

91. **Facts about Thread and Nylon.** 3 pp. Describing the nature of nylon thread. (T).

BERNHARD ULMAN COMPANY INC.
Dept. B, 30-20 Thomson Avenue
Long Island City 1, New York

92. **Crochet and Knitting Stitches.** A leaflet showing pictorially, simple stitches in crocheting and knitting. Elementary, Junior High.

BETTER VISION INSTITUTE INC.
630 Fifth Avenue
New York 20, New York

93. A number of small folders on the operation and care of the eyes, etc. (T.)

B. F. GOODRICH COMPANY
Akron, Ohio

94. Teacher's Manual for **The Story of Rubber.** Booklet. 10 pp. In formation and teaching suggestion to accompany **The Wonder Book of Rubber.** Div. II, Junior High, Senior High.

95. **Wonder Book of Rubber.** Booklet. 32 pp. Camic book format. History of the manufacture of rubber. Rubber processing, products and uses. Available in classroom lots. Div. II, Junior High, Senior High.

BIBB MANUFACTURING COMPANY
Box 37
Macon, Georgia

96. **The Story of Cotton.** Booklet. 60 pp. Illustrated. History of the manufacture of cotton. Div. II.

BITUMINOUS COAL INSTITUTE
Educational Division
802 Southern Building
Washington 5, D.C.

97. Chart showing the interior of a coal mine.

98. **Coal.** Booklet. 20 pp. Telling the story of coal taken from World Book Encylopedia. (T) only.

99. **The Bituminous Coal Story.** A small 16 pp. story of how coal was made, present day uses of coal, etc. Div. II.

100. **Class Report.** Booklet. 16 pp. Tells of history, production and uses of bituminous coal. Div. II.

101. **The Beginnings of Coal.** Booklet. 8 pp. Tells the story of how coal was formed. Elementary, Junior High.

BRAZILIAN EMBASSY
Ottawa, Ontario

102. **In Search of Brazil; Brazil's Place in the World of Sport.** 2 small leaflets. (T) only.

103. **Brazil.** Booklet. 31 pp. Illustrated. Beauty spots, industries, history and modern life in Brazil. Elementary (T). Junior High.

104. **Brazilian American Survey.** Large 140 pp. Book. Illustrated. Giving a detailed description of Brazilian economy. Junior High (T).

BRAZILIAN GOVERNMENT TRADE BUREAU
551 Fifth Avenue
New York 17, New York

105. **Brazil.** Booklet. 40 pp. Dealing with Brazil's history, people, economy and colorful traditions. Elementary (T), Junior High.

BRAZIL NUT ASSOCIATION
100 Hudson Street
New York 13, New York

106. **A Parade of Brazil Nut Recipes.** Booklet. 32 pp. About 80 recipes. Useful in Home Economics classes.

107. **The Story of Brazil Nuts.** Booklet. 15 pp. Illustrated. Gives the natural history of the Brazil nut, methods of gathering and transportation. Div. II (T).

BUESCHER BAND INSTRUMENT COMPANY
Elkhart, Indiana

108. Large chart showing woodwind, brass and stringed instruments. Junior High (T).

109. Folder containing principal musical terms and their meanings. Junior High (T).

CALIFORNIA FIG INSTITUTE
Box 709
Fresno, California

110. **California Figs and How to Use Them.** Folder. 4 pp. Some Fig Recipes. Home Economics classes.

111. **The Love Life of a Fig** and **Facts About Figs.** Folder. Fig culture, varieties and uses. Junior High.

CALIFORNIA FOODS RESEARCH INSTITUTE
One Drumm Street
San Francisco 11, California

112. **Something About California Ripe Olives.** Leaflet. 4 pp. Information about processing olives and ideas for their storage and use. Home Economics classes.

113. **The Story of Dried Fruits.** Pamphlet. 15 pp. Information about the varieties, processing, nutritive values and uses of dried fruits. Includes cooking chart. Home Economics classes.

114. **A Study of Canned Cling Peaches.** Booklet. 7 pp. Illustrated. Some recipes. Home Economics classes.

CALIFORNIA & HAWAIIAN SUGAR REFINING CORPORATION
215 Market Street
San Francisco 5, California

115. **Hawaiian Sugar.** Booklet. 47 pp. Describing how sugar moves from the cane to the grocery store. Elementary, Junior High.

CALIFORNIA OLIVE ASSOCIATION
461 Market Street
San Francisco, California

116. **The Olive: The World's Oldest Fruit.** 6 multilithed sheets on the history and culture of the olive. Elementary (T), Junior High. In single copies only.
117. **Questions and Answers about Ripe Olives.** 4 multilithed sheets on growth and processing of olives. Elementary (T), Junior High. In single copies only.

CANADIAN CHEMICAL COMPANY LTD.
Box 99
Edmonton, Alberta

118. **The Edmonton Plant.** Booklet. 8 pp. Tells about the products which are manufactured at the Edmonton plant. Elementary (T), Junior High.
119. **What Do You Want to Know About Fibres?** Booklet. 14 pp. Illustrated. Describes how synthetic fibres are made. Junior High.

CANADIAN GENERAL ELECTRIC CO. LTD.
Public Relations Department
214 King Street West
Toronto, Ontario

120. **Adventures in Jet Power.** Booklet. 16 pp. Comic book format. Explanation of jet propulsion and its application in the aircraft industry. Div. II, Junior High.
121. **Inside the Atom.** Booklet. 16 pp. Comic book format. Elementary explanation of the Atomic theory. Junior High, Senior High.
122. **General Electric's Answers to Four Why's.** Pamphlet. 11 pp. "Why Stick to your studies? Why Work? Why Study English? Why Read?" Junior High, Senior High, Guidance.
123. **General Electric's Answers to Three Why's.** Pamphlet. 11 pp. "Why study Math? Why study Science? Why Look into Engineering?" Junior, Senior High, Guidance.
124. **Man-Made Magic.** Booklet. 16 pp. Comic book format. Production and transmission of electric power. Div. II, Junior High.
125. **Network of Power.** Booklet. 16 pp. Comic book format. How electricity is distributed. Div. II, Junior High.
126. **Science in Your Future.** Booklet. 15 pp. Comic book format. Shows some of the future uses of electricity. Div. II, Junior High.
127. **Engineering in Your Future.** Booklet. 15 pp. Comic book format, useful in guidance. Div. II, Junior High.
128. **The Story of the Turbine.** Booklet. 12 pp. Illustrated. Demonstrates the usefulness of the turbine engine. Div. II, Junior High.

CANADIAN GOVERNMENT TRAVEL BUREAU
Ottawa, Ontario

129. **Alaska Highway: Canadian Section.** Booklet. 24 pp. Map. A handbook of facts for travellers on the Alaska highway. Junior High, Senior High.
130. **Canada: Vacations Unlimited.** Booklet. 50 pp. Illustrated. Pictures of Canadian scenes and pastimes at various times of year. Elementary, Junior High.
131. **Canada. Folder.** Illustrations and information. Map on reverse showing natural resources. Elementary, Junior High.
132. **National Parks of Canada.** Folder giving general and specific information about National Parks across Canada. Elementary, Junior High.
133. **Canada in Wintertime.** Illustrated tourist folder on winter sports. Elementary.
134. **Highway Map of Canada.** Eastern Canada on one side. Western on the other. Elementary, Junior High.

CANADIAN INDUSTRIES LIMITED
Pubilc Relations Department
Box 10
Montreal, P.Q.

135. **C.I.L. Oval.** Magazine. Articles on the uses of chemistry in industry. Senior High.
136. **Know What they Are.** Leaflet Explaining importance of safety in handling blasting caps. Elementary (T), Junior High, Senior High.
137. **Production and Use of Sulphuric Acid.** A useful 20 pp. booklet. Suitable for High School Chemistry Teachers.
138. **I'm a Blasting Cap.** A warning poster for children. (T).
139. **Boiler House Operator** and **The Glassblower.** Large sheets containing information concerning these jobs.
140. **This is Terylene.** An information folder with swatches. For Home Economics Teachers.
141. **This is Terylene.** An information leaflet for Home Economics students. Available in class quantity.
142. **A Chemistry Set for Junior.** Descriptions of simple experiments and suggestions for obtaining chemicals and laboratory equipment.
143. **Wildlife Management Fellowships.** Descriptions of two C.I.L. Fellowships. Of special interest to guidance counsellors.
144. **Safety in the Laboratory.** Large poster. Suitable for Junior High, Senior High.

CANADIAN JUNIOR RED CROSS
1504 1st Street E.
Calgary, Alberta

145. Series of small pamphlets on international correspondence, art and music, one on the history of the Red Cross, another on Henry Dunant and one on the purposes of the Red Cross. For Senior High, with a similar series for the Elementary School. (T).
146. Set of four **Health Posters.** (T)

CANADIAN KODAK SALES LIMITED
Toronto 9, Ontario

147. **How to Conduct a Course in Photography.** Leaflet. 5 pp. Tells how to organize beginners in a photographic club or group. Div. II (T), Junior High.
148. **Camera Club Quiz Program.** Pamphlet. 20 pp. Questions and answers regarding good photographic techniques. Div. II (T), Junior High.
149. **Managing the High School Camera Club.** Booklet. Describing how to organize such a hobby. Junior High, Senior High.
150. **Photography in Your Future.** A small booklet suitable for Guidance Teachers.

CANADIAN LIFE INSURANCE OFFICERS ASSOCIATION
Educational Division
302 Bay Street
Toronto, Ontario

151. **Life Insurance: A Canadian Handbook.** Booklet. 72 pp. Information on many aspects of insurance. Senior High.
152. **A Miss and Her Money.** Pamphlet. 20 pp. Notes on thrift, planning and insurance, addressed to girls. Junior High, Senior High.
153. **Money in Your Pocket.** Pamphlet. 20 pp. Notes on thrift, planning and insurance, addressed to boys. Junior High, Senior High.
154. **Problems in Life Insurance.** Multilith. 8 pp. Teachers resource unit in life insurance. Student portions available in classroom lots. Junior High, Senior High.

CANADIAN WILDLIFE SERVICE
Department of Northern Affairs and Natural Resources
Ottawa, Ontario

155. **Attracting Birds with Food and Water.** Pamphlet. 16 pp. Working drawings. Feeding stations; planting for birds; nesting materials; water for bathing and drinking. Elementary (T), Junior High.

156. **Bird Houses and their Occupants.** Pamphlet. 16 pp. Working drawings. Notes on the habits of some common North American birds, and detailed instructions for constructing bird houses for them. Elementary (T), Junior High.

157. **Hunters and Hunted.** Pamphlet. 19 pp. The life cycle of the forest. Elementary (T), Junior High.

158. **The Migratory Birds Convention Act.** Pamphlet. 27 pp. The Act, with amendments and regulations to September, 1954. Junior High, Senior High.

159. **Waterfowl Hunters' Guide.** Booklet. 36 pp. Illustrated (T), Junior High.

160. **Don't Shoot.** Leaflet. List of birds which should not be shot. Elementary (T), Junior High.

161. **Bird Banding in Canada.** Leaflet. Information about bird banding. Elementary (T), Junior High.

162. The following pamphlets which are all suitable for Elementary (T), Junior High, Senior High. The pamphlets are not illustrated.
Predators—Human and Wild.
Trees, Shrubs, and Vines Attractive to Birds.
Purposes and Aims of Wildlife Management.
Rare Canadian Birds.
The Canadian Wildlife Service—Its Function and Scope.
The Wildlife of Canada.
Employment in Wildlife Management in Canada. This pamphlet would be useful for Senior High School students and Guidance Counsellors.

CHAS. A. BENNETT CO. INC.

237 N. Monroe Street
Peoria, Illinois

163. A sheet giving checklists for Home Economics students. Junior High.

CLEVELAND TWIST DRILL (CANADA) LTD.
75 Brydon Drive
Rexdale, Ontario

164. **Ready Reference.** Booklet. 14 pp. Boards. Illustrated. A compendium of twist drill information for shop reference: decimal equivalents, cutting speeds, thread dimensions and tap drill sizes, screw sizes, drilling and reaming suggestions. Industrial Arts classes.

165. **Mo-Max High Speed Cutting Tool.** Booklet. 50 pp. Description of the manufacture of high speed steel. Industrial Arts classes.

166. **The Use and Care of Reamers.** Booklet. 34 pp. Illustrated. A mechanics' handbook. Industrial Arts classes.

167. **The Use and Care of Twist Drills.** Booklet. 58 pp. Illustrated. A mechanic's handbook. Industrial Arts classes.

168. **Tap Sizes and Decimal Equivalents.** Pocket chart. Drill data. Industrial Arts classes.

CONFEDERATION LIFE ASSOCIATION
Insurance Exchange Building
311-313 Eighth Avenue W.
Calgary, Alberta

or Bank of Commerce Building
Jasper Avenue at 101st Street
Edmonton, Alberta

169. **What To Eat To Be Healthy.** Booklet. Vitamin, protein, fat, mineral and carbohydrate content of various foods; effects of deficiencies of these in diet. Junior High, Senior High.

CONN CORPORATION
Elkhart, Indiana

170. Descriptive chart of wood wind and brass instruments for orchestra. (T) only.

CONNECTICUT MUTUAL LIFE
Hartford, Connecticut

171. **Writing What Comes Naturally.** Booklet. 18 pp. The goal of the booklet is simple, concise, direct English. (T).

CONSULATE GENERAL OF JAPAN
Information Office
3 East 54th Street
New York 22, New York

172. A series of 12 leaflets giving facts about Japan. Elementary (T), Junior High.

CONSULATE GENERAL OF THE REPUBLIC OF INDONESIA
Information Department
5 East 68th Street
New York 2, New York

173. **Indonesia.** News magazine. 32 pp. Containing information about Indonesia. (Islands of Sumatra, Java, Celebes and others in the eastern archipelago.) (T).

174. **The Indonesian Spectator.** A magazine telling of Indonesian affairs. (T).

175. **Perspective of Indonesia.** (An Atlantic Monthly Supplement.) Interesting stories and articles on Indonesia—written at an adult level. (T).

176. **Economic Progress in Indonesia.** Booklet. 23 pp. Telling of the spice, tobacco, rubber, rice, tin, etc., which comes from these wealthy islands. (T).

CONTINENTAL BAKING COMPANY
Department of Home Economics
Halsted Avenue
Box 731
Rye, New York

177. **The Story of a Loaf of Bread.** Booklet. 12 pp. Cartoon format. Showing progress of wheat from producer to consumer. Elementary.

178. **All About Growth**. Booklet. 8 pp. Illustrated. On nutrition and how the body grows. Elementary (T).

COORS PORCELAIN COMPANY
Golden, Colorado

179. **The Evolution of a Lump of Clay.** Booklet. 63 pp. Illustrated. Gives story of the manufacture of porcelain. Div. II (T), Junior High.

COPPER AND BRASS RESEARCH FOUNDATION

420 Lexington Avenue
New York 17, New York

180. **Copper—the Oldest and Newest Metal.** Booklet. 16 pp. Comic type format. Tells of the uses of copper through the ages. Div. II, Junior High.

181. **Copper—the Cornerstone of Civilization.** Booklet. 32 pp. Describing uses of copper and preparation from the time it leaves the mine. Div. II, Junior High.

182. **Your Dream Home.** Booklet. 24 pp. Illustrated. Information about the uses of copper in home building and home furnishing. Senior High.

COPYRIGHT OFFICE

Mr. R. G. Plumb
The Library of Congress
Washington 25, D.C.

183. **The Copyright Office.** Booklet 30 pp. Explaining how copyrights give protection in the U.S.A. Junior High (T).

CORNING GLASS WORKS

Laboratory and Pharmaceutical Division
Corning, New York

184. **Pyroceram.** Booklet. 8 pp. Illustrated. Describes a new crystalline substance made from glass. Industrial Arts classes.

185. **Laboratory Glass Blowing with Pyrex.** Booklet. 20 pp. Showing how laboratory glass is prepared.

CREOLE PETROLEUM CORPORATION

1230 Avenue of the Americas
New York 20, New York

186. **Life of Simon Bolivar.** A pictorial map and detailed outline of this liberator's journeys. Elementary, Junior High, (T).

DEERE AND COMPANY

Moline, Illinois

187. **Run for Cover.** Booklet. 27 pp. How to conserve soil through methods of cultivating. Agriculture students. Junior High, Senior High.

DEPARTMENT OF EDUCATION

Curriculum Branch
Government of Alberta
Edmonton, Alberta

188. **Alberta Kit.** A collection of travel, forest and other booklets dealing with Alberta's economy. (T) only. (Single kits.)

189. **An Agriculture Kit.** A collection of booklets prepared by the Department of Agriculture and of use as reference for the Alberta agriculture teacher. (T) only. (Single kits.)

190. **Science Kit.** A useful kit of science pamphlets for the Junior High School Teacher. (T) only. (Single kits.)

191. **Health Heroes.** A health league publication containing information re: health heroes such as Nightingale, Jenner, Pasteur, Koch, Currie and Fleming. Elementary (T) only.

DEPARTMENT OF NATIONAL HEALTH AND WELFARE

Public Health Department
Edmonton, Alberta

192. Various leaflets on the **Communicable Diseases.** (T)

193. **Adolescence.** Pamphlet. (T).

194. **Domestic Sewage Disposal.** Pamphlet. 16 pp. Text and plans. Junior High, Senior High.

195. **Health Posters.** Display posters 11"x16" on various health topics. All grades.

196. **Rural Waters.** Pamphlet. 16 pp. Notes on the treatment and protection of farm water supplies. Elementary (T), Junior High, Senior High.

196. **Little Guys Basketball.** Rule Book for new game of basketball for younger boys and those under 5' in height. Elementary, Junior High (T).

198. The following three booklets for Teacher's reference:
Sanitation.
Dental Health.
Safety.

DIAMOND WALNUT GROWERS INC.

Box 1727
Stockton 1, California

199. **The Story of Walnuts.** Leaflet. Gives a brief story about the origin of walnuts. Recipes. Home Economics (T).

DICK COMPANY OF CANADA LTD.

29 Gurney Crescent
Toronto 19, Ontario

200. **Techniques of Mimeographing.** Booklet. 65 pp. Showing how to handle various kinds of jobs on a mimeographing machine. Useful information. Junior High.

201. **How to Plan and Publish a School Newspaper.** Booklet. 20 pp. Giving ideas for the editors and writers, and information concerning mimeographing.

DOMINION RUBBER COMPANY LTD.

Box 130
Place D'Armes
Montreal, Quebec

202. **The Story of Rubber.** Booklet. 28 pp. Describing how rubber is obtained and refined for use. (T).

203. **Putting Rubber to Work.** Booklet. 12 pp. Containing pictures and diagrams of how rubber is used in our economies. Elementary, Junior High.

DOMINION TEXTILE COMPANY LTD.

1950 Sherbrooke Street W.
Montreal 25, Quebec

204. **Tex-Made Educational Cotton Kit.** Samples showing steps in manufacture from raw cotton to printed cloth. Kit includes booklet **Everybody Uses Cotton.** All grades.

DUNLOP RUBBER COMPANY LTD.
Toronto, Ontario

205. **The Indispensable Pneumatic Tire.** Booklet. 30 pp. Illustrated. Describing various types of inflated tires and their development. (T).

DUODECIMAL SOCIETY OF AMERICA
20 Carlton Place
Staten Island 4, New York

206. Three booklets showing what could be done with a number system based on 12. (T).

DU PONT COMPANY OF CANADA LTD.
Box 660
Montreal, Quebec

207. Material suitable for Junior High School and Senior High School:
Du Pont Fibres and You.
How Delux Enamels are Made.
Careers in the Chemical Industry.
The Tools of Research.
Facts about "Freon."
A Career in Chemical Industry.
What Makes a Good Employee?

208. Material suitable for The Elementary School:
The Story of Cellophane.
The Story of Nylon.
The Key to the Rainbow.
Life wtihout Chemistry.

209. **Home Antidote Chart.** A useful addition to the first aid box at school.

ELECTRIC STORAGE BATTERY CO.
Box 8109
Philadelphia 1, Pennsylvania

210. **Parts and Assembly of a Lead Type Storage Battery.** Illustrated folder showing how a storage battery works.

211. **The Storage Battery.** Booklet. 23 pp. Telling of the use and how to care for an electric battery. Junior High, Senior High.

212. **The ESB Weather Guide.** Booklet. 10 pp. Illustrated. Showing cloud formations and forecasts of weather by the appearance of the sky. Elementary, Junior High.

EMBASSY OF IRELAND
140 Wellington Street
Ottawa, Ontario

213. Tourist folders on various parts of Ireland, showing beauty spots, fishing and farming, etc. Div. II (T), Junior High.

EMBASSY OF SPAIN
149 Daly Avenue
Ottawa, Ontario

214. Tourist folders containing information about various cities and regions. Div. II, Junior High.

215. **Map of Spain.** 20" x 22". (T).

EMBASSY OF VIET NAM
2251 R Street N.W.
Washington 8, D.C.

216. **Viet-Nam.** Booklet. 39 pp. Giving details of the geography, history and economy of Viet Nam. (T).
217. **The Vietnamese Music.** Booklet. 20 pp. Describing Vietnamese music telling why it is an important part of their culture. (T).
218. A number of multilithed sheets giving information regarding the constitution of Viet Nam. (T).

FIRESTONE TIRE AND RUBBER COMPANY
Department of Public Relations
Akron 17, Ohio

219. **Rubber.** Booklet. 32 pp. Illustrated. History and geography of rubber; its culture, manufacture, chemistry, products and uses. Available in classroom lots. Div. II, Junior High, Senior High.

FISHER SCIENTIFIC COMPANY
Sales Promotion Department
245 Carlaw Avenue
Toronto 8, Ontario

220. **Laboratory Emergency Chart.** Wall chart and broadsheet. Chart shows treatment of burns and scalds (including those from chemicals) artificial respiration, and poisoning. Broadsheet lists materials for first aid kit in treating emergencies in the shop or in a laboratory. Junior High, Senior High (T).
221. **Manual of Laboratory Safety.** Booklet. Information on safe techniques in the science laboratory. Senior High (T).
222. **Periodic Chart of the Elements.** Leaflet. Table, with four-place logs and EMF table on reverse. Punched for 8½" x 11". Senior High.
223. **Handbook for Chemistry Assistants.** Booklet. 30 pp. Useful as Teacher's reference in Chemistry classes.

FLORIDA CITRUS COMMISSION
Educational Department
Lakeland, Florida

224. **The Nutrition Ladder.** Booklet. 12 pp. Giving recipes using citrus fruit. Home Economics (T).

FORD MOTOR COMPANY
Information Section
3000 Schaefer Road
Dearborn, Michigan

225. **A Car is Born.** Booklet. 32 pp. Illustrated. Tells the story of the manufacture of a modern automobile. Div. II, Junior High.
226. A series of charts showing graphically the facets of the automotive industry. Suitable for automotive classes in Junior High.

FOREIGN SERVICE OF THE UNITED STATES OF AMERICA
United States Embassy
Ottawa, Ontario

227. **A Government by the People.** Book. 112 pp. Describing the government of the U.S.A. (T).
228. **Abraham Lincoln.** Booklet. 14 pp. Illustrated. Telling the story of the great president. (T).
229. **America in Pictures.** Booklet. 44 pp. Showing scenes of typical activities of the people of the U.S.A. (T).
230. **This is The United States.** Book. 122 pp. Illustrated. Describing the culture, history, geography and economy of the U.S.A. (T).
231. **The U.S.A.—Its Geography and Growth.** Book. 122 pp. Illustrated. Describing the American way of life. (T).

FRENCH GOVERNMENT TOURIST BUREAU
1170 Rue Drummond
Montreal, Quebec

232. A number of folders, on various parts of France with illustrations and local background, with maps. Elementary (T).

233. **France.** A thick booklet of many illustrations. Telling of beauties of France, its history, the vigor of its economy. Elementary, Junior High.

GARDEN CLUB OF AMERICA
Conservation Committee
15 E. 58th Street
New York 22, New York

234. A kit of useful booklets and bulletins entitled:
Conquest of the Land through 7,000 years.
Don't be a Little-Bug.
Soil Conservation.
Within your Garden Wall and Wildlife Heritage.
Useful as Teachers' reference.

GAYLORD BROTHERS
Stockton
California

235. **Bookcraft.** Booklet. 25 pp. Giving details on how to repair books. Also catalogue of librarian's supplies. (T) only.

GERMAN TOURIST INFORMATION OFFICE
1176 Sherbrooke Street, S.W.
Montreal, Quebec

236. A variety of German travel folders. One set per teacher.

237. **Any time is Travel Time in Germany.** Leaflet. Illustrations of different parts of Germany at different times of year. Map on reverse. Div. II, Junior High.
North-Germany—Berlin.
Rhineland.
Central part of Germany and Berlin.
Southern part—Bavaria.

238. The four books mentioned above are well illustrated, and contain information on places of interest, cultural treasures, sports and beauty spots in Germany. Div. II, Junior High.

239. Tourist material on West Germany. Elementary, Junior High.

GLYCERINE PRODUCERS ASSOCIATION
295 Madison Avenue
New York 17, New York

240. **Glycerine Alkyds Tailored to Need.** Booklet. 20 pp. Kinds and uses of glycerine alkyd resins; methods and trends of manufacture. Senior High.

241. **A Lesson Outline in Chemistry.** Teachers' reference.

242. **Glycerine.** Booklet. 15 pp. Showing usefulness of glycerine in industry. High School (T).

HAMILTON WATCH COMPANY
Public Relations Department
Lancaster, Pennsylvania

243. **Time Telling Teaching Unit.** Includes: A teacher's manual. **Time Telling and its Importance in our Daily Lives;** A wall chart 21"x31" **How a Watch Works;** Student's lesson folder. **Time Telling.** Elementary (T). State number in class where unit will be used.

HAWAII VISITORS BUREAU
2051 Kalakaua Avenue
Honolulu, Hawaii

244. A variety of small traveller folders on the beauties of Hawaii. Elementary, Junior High.

HAWAIIAN PINEAPPLE COMPANY LTD.
Advertising Department
Fifth and Virginia Streets
San Jose 8, California

245. Various small pineapple recipe books. Home Economics classes.

246. **Dole Map—Hawaiian Islands.** A large colored pictorial products and historical as well as economic map of the Hawaiian Islands. (T).

H. J. HEINZ COMPANY OF CANADA
Sales Promotion and Advertising Department
Leamington, Ontario

247. **Facts About Foods.** Booklet. 21 pp. Facts about food constituents and nutrition. Tables of food values. Senior High.

248. **Food Calorie Content Chart.** Folder. Contains detailed and technical information on nutrition. Teacher reference.

249. **A Guide to Better Nutrition.** Loose-leaf sheets. Junior High, Senior High.

HERSHEY CHOCOLATE CORPORATION
Hershey, Pennsylvania

250. **The Story of Chocolate and Cocoa.** Pamphlet. 24 pp. Illustrated. Facts about cocoa production and chocolate manufacture. Div. II, Junior High.

HIGGINS INK COMPANY INC.
271 Ninth Street
Brooklyn 15, New York

251. **History of Ink.** Mimeo. 4 pp. Ink through the ages. Junior High, Senior High.

252. **Ink Sketching.** A leaflet showing pen and brush strokes. Junior High, Senior High Art classes.

IMPERIAL OIL LIMITED
Calgary, Alberta or Box 2356
300 Ninth Avenue West Edmonton, Alberta

253. **Imperial Oil Maps.** Road maps of each of the provinces, with indexes and mileages. Div. II, Junior High. Single copies to teachers only.

254. **Imperial Oil Review.** Periodical. Monthly. Illustrated. One or two interesting general articles each month. Div. II, Junior High, Senior High. Single copies to teachers only.

255. **The Oil Seekers.** Booklet. 22 pp. Illustrated. Information about research in oil and oil production. Div. II, Junior High. Available in classroom lots.

256. **The Oil Movers.** Booklet. 24 pp. Illustrated. About pipelines, oil tankers and oil cars. Div. II.

257. **The Oil Refiners.** Booklet. 37 pp. Illustrated. Tells the refinery's story. Div. II, Junior High.

258. **The Flow Chart.** Showing oil from well to finished products. Div. II, Junior High.

INLAND STEEL COMPANY
30 West Monroe Street
Chicago 3, Illinois

259. **How Steel is Made.** Booklet. 64 pp. Illustrated. Detailed description of the steelmaking process. Div. II, Junior High, Senior High.

260. **Inland Makes Steel.** Folder. Illustrated. Explanation of the process of making steel. Div. II, Junior High.

INTERNATIONAL BUSINESS MACHINES CORPORATION
Department of Information
590 Madison Avenue
New York 22, New York

261. **Born 500 Years Too Soon.** 5 lithographed sheets about some of Leonardo da Vinci's accomplishments in various fields. Div. II, Junior High.

262. **IBM World of Numbers.** Booklet. 18 pp. Explaining the operation and use of the IBM machine. (T).

INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED
55 Yonge Street
Toronto 1, Ontario

263. **The Exciting Story of Nickel.** Booklet. 29 pp. Illustrated. Written for children. Elementary, Junior High.

IRISH LINEN GUILD OF CANADA
525 Dominion Square Building
1010 St. Catherine Street W.
Montreal 2, Quebec

264. **True or False?** A Quiz on Linen. Leaflet. Twenty questions on linen, with answers on reverse. Junior High, Senior High.

265. **The Story of Irish Linen.** Booklet. 31 pp. Illustrated. Describes the growing of flax and its manufacture into cloth. Value of linen. Elementary, Junior High.

266. **Lessons on Linen.** 6 large charts containing useful facts about linen. (T) Home Economics.

ITALIAN EMBASSY
172 Maclaren Street
Ottawa, Ontario

267. **Italian Affairs.** Periodical. Monthly. About 80 pp. Documents and notes on economic and political affairs compiled from official sources. (T).

268. **Italy.** Map 12" x 15". Clear location and communication map in color. Legend in Italian. Div. II, Junior High, Senior High.

269. **Perspective of Italy.** An Atlantic Monthly, supplement. On Italy, containing many interesting articles. (T).

270. **Italy, a Brief Outline.** A small colorful booklet describing everything in Italy from its music to its heroes of history. Contains a good colored map. (T).

ITALIAN STATE TOURIST OFFICE
International Aviation Building
1080 University Street
Montreal, Quebec

271. Ten 48 page booklets with illustrations on the **Regions of Italy.** Div. II (T), Junior High.

272. **Italia.** Booklet. 80 pp. Illustrated. Gives information about history, folklore, culture, places of interest, etc. Junior High.

273. **Florence.** Quarterly tourist publication on the area around the city of Florence. Beautifully illustrated.

274. **Venetian Fetes.** Booklet. 36 pp. Describing gala days in Venice together with some of the history of Venice. Junior High (T).

JAMAICA TOURIST BOARD
King Edward Hotel
Toronto, Ontario

275. A number of small travel folders available on request.

J. I. CASE COMPANY INC.
700 State Street
Racine, Wisconsin

Storage Curing of Baled Hay.
Level Farming on Sloping Fields.
Moldboard Plow Terraces.
Water Spreading.

276. The above four small informative booklets are suitable for Agriculture classes.

JOHN HANCOCK MUTUAL LIFE INSURANCE CO.
Boston, Massachusetts

277. **From Six to Twelve.** Pamphlet. 23 pp. Information on the health and growth of children of elementary school age.

278. **Safe at Home.** Pamphlet. 16 pp. Safety measures in the home, for young and old. All grades.

279. **Winter Enemies.** Booklet. 19 pp. Tells how to avoid colds, care for those with colds and other pertinent facts about germs, the respiratory system, etc. Elementary (T).

280. **The News about Tuberculosis.** Booklet. 13 pp. Deals mainly with the latest treatments. Elementary (T).

281. **Guarding Your Family's Health.** Booklet. 26 pp. Gives a variety of information on prevention of diseases, community health services, etc. Elementary (T).

282. **What to Eat and Why.** Booklet. 23 pp. About diet. Elementary (T).

283. **About Your Blood.** Booklet. 25 pp. Telling much about the circulation of blood and the work of red and white corpuscles. (T).

JUNEAU CHAMBER OF COMMERCE
155 S. Seward
Juneau, Alaska

284. **Visit Juneau.** Colored tourist leaflet. Elementary (T).

285. Mimeographed sheet of **Facts about Juneau.** Elementary (T).

286. **General Information on Alaska.** Leaflet. Elementary (T).

JUNEMAN CORPORATION, The E.P.
1100, West 47th Place
Chicago 9, Illinois

287. **Badminton and Tennis Strokes.** Booklet. 21 pp. Describing badminton and tennis rules, how to lay out courts, etc. (T).

KANSAS CITY COLLEGE
Engineering Experiment Station
Manhattan, Kansas

288. **Creative Drawing.** Booklet. 28 pp. Illustrated. Should be useful in sketching classes. (T) only.

KERR GLASS MANUFACTURING CORPORATION
Suite 816
3440 Wilshire Boulevard
Los Angeles 5, California

289. **Ten Short Lessons in Canning and Freezing.** Booklet. 24 pp. Illustrated. Home Economics classes.
290. **Tasty Treats for Modern Homemakers.** Booklet. 31 pp. Illustrated. Latest instructions, recipes, etc. Home Economics classes.

KRAFT FOODS LIMITED
Consumer Service Department
Box 6118
Montreal, Quebec

291. **Cheese Chart.** Wall chart. Comparison of food values of milk and cheese. Div. I, Div. II.
292. **The World of Cheese.** Booklet. 52 pp. History of cheese; varieties of cheese; cheese tips. Elementary (T), Junior High, Senior High.

LA MOTTE CHEMICAL PRODUCTS COMPANY
Chestertown, Maryland

293. **Facts about Soil Testing on Your Farm.** Pamphlet. The twelve most asked questions about home soil testing, and the answers. Junior, Senior High.
294. **The ABC of the Ph Control.** Methods of determining degrees of acidity and alkalinity of the soil. Senior High.

LEATHER INDUSTRIES OF AMERICA INC.
411 Fifth Avenue
New York 16, New York

295. **Leather in Our Lives.** Pamphlet. 8 pp. A unit on leather: source, manufacture, uses. Things to make and do. Reprint from Grade Teacher magazine. Elementary, Junior High.
296. **Dictionary of Leather Terminology.** Booklet. 31 pp. Glossary of terms used in the tanning industry. Div. II, Junior High.
297. **Leather is News.** Booklet. 5 pp. Describes various uses of leather. Div. II, Junior High.

LIBBEY-OWENS FORD GLASS COMPANY
Public Relations Department
608 Madison Avenue
Toledo 3, Ohio

298. **The Story of Glass.** Leaflet. History of glass. Elementary (T), Junior High.
299. **Aladdin was an Amateur.** Booklet. 12 pp. Illustrated. Describes how various kinds of glass are produced. Elementary (T), Junior High.
300. **Glass of Civilization.** Booklet. 15 pp. Gives the early history of glass making and composition of present day glass. Elementary (T), Junior High.
301. **The Looking Glass.** Booklet. 8 pp. Illustrated. Giving history of mirrors and their usefulness. Elementary, Junior High.

LIBRARY OF CONGRESS
Publications Section
Washington 25. D.C.

302. **Some Facts about the Library of Congress.** Leaflet. 4 pp. Describes the Library of Congress, one of the largest libraries in the world. (T).

LOUISIANA DEPARTMENT OF AGRICULTURE AND IMMIGRATION
317 State Office Building
325 Loyola Avenue
New Orleans 12, Louisiana

303. **History of Sugar Cane.** Booklet. 21 pp. Giving history and how sugar is processed. Elementary (T).

304. **Rice.** Booklet. 19 pp. Describing how rice is grown. Gives recipes. Elementary (T).

305. **Facts about Cotton.** Booklet. 7 pp. Describing the cotton growing industry in the U.S. Elementary (T).

306. An exhibit of sugar cane, cotton balls, etc., is available also (T).

LOWE & CAMPBELL ATHLETIC GOODS
1151 Baltimore Avenue
Kansas City, Missouri

307. **Athletic Field and Court Diagrams.** Booklet. 32 pp. A small edition complete with diagrams for laying out badminton, tennis courts, hockey rinks, etc. Physical Education (T).

McCORMICK & COMPANY INC.
Baltimore 2, Maryland

308. **Flavor for Flavor.** Leaflet. 4 pp. Drawings. Information about the common spices and their uses. Div. II, Junior High, Senior High.

309. **Spices: What They Are, Where They Come From.** Booklet. 16 pp. Illustrated. Sources of the common spices and important facts about them. Div. II, Junior High, Senior High.

310. **The Story of Pure Vanilla with Recipes.** Booklet. 32 pp. Illustrated. History, culture, preparation and extraction of vanilla. Many vanilla recipes. Div. II, Junior High, Senior High, Home Economics .

311. **Two Leaves and a Bud.** Booklet. 15 pp. The story of tea. Div. II, Junior High.

312. **Spice Map of the World.** Suitable for classroom walls. Shows spice areas of the world. Also some of the old trade routes. Div. II, Junior High.

313. **The Heritage of Spices.** Booklet. 16 pp. History of spice and its place in world trade. Div. II, Junior High.

314. **Spice Chart.** Showing uses in cooking. (T) for Home Economics classes.

MERRILL BOOKS INC., Charles E.
1300 Alum Creek Drive
Columbus 16, Ohio

315. A number of monograms on teaching of spelling. Elementary, Junior High (T) only.

METROPOLITAN LIFE INSURANCE COMPANY
Ottawa 4, Ontario

316. **Absent from School Today.** Booklet. 14 pp. Teachers' responsibility regarding health in the classroom. (T).
317. **Health Goals for Youth.** Booklet. 14 pp. Outlines a good school health program. (T).
318. **First Steps in Health Education.** Booklet. 30 pp. How to encourage good health habits in the Elementary School. (T).
319. **Health Through the Ages.** Booklet. 64 pp. History of the progress of medical knowledge. Time line chart included. Div. II, Junior High (T).
320. **What Teachers See.** Booklet. 32 pp. Contains pictures of characteristics of more common illnesses. (T).
321. **Edward Jenner.** Booklet. 24 pp. Story of Jenner and his work. Div. II, Junior High.
322. **Louis Pasteur.** Booklet. 32 pp. Story of Pasteur and his work. Div. II, Junior High.
323. **Walter Reed.** Booklet. 24 pp. Story of Reed and his work. Div. II, Junior High.
324. **Florence Nightingale.** Booklet. 24 pp. Story of Florence Nightingale and her life and work.
325. **Series of Health Bulletins.** Showing teachers' place in health programs for schools. (T). Div. II, Junior High.

MIRRO ALUMINUM COMPANY
Manitowoc, Wisconsin

326. **A Short Story of Aluminum from Clay to Cooking Utensil.** Booklet. 15 pp. Illustrated. Div. II, Junior High.

MORTON SALT COMPANY
120 South La Salle Street
Chicago, Illinois

327. **A History of Salt.** Booklet. 22 pp. Illustrated. Story of the uses and production of salt. Elementary (T), Junior High, Senior High.

NATIONAL AUDUBON SOCIETY
1130 5th Avenue
New York 28, New York

328. **Audubon Junior Club.** Leaflets. Telling how to organize an Audubon Junior Club. (T).

NATIONAL AVIATION EDUCATION COUNCIL
1025 Connecticut Avenue, N.W.
Washington 6, D.C.

329. Leaflets on **How to Develop a Teaching Unit on Rockets and Space Travel.** (T).

NATIONAL COTTON COUNCIL OF AMERICA
Box 9905
Memphis, Tennessee

330. **Cotton and Cotton Products; Catalog of Educational Material.** Booklet. 42 pp. An annotated list of teaching aids on cotton with sources. (T).
331. **Cotton for Cleanliness.** Wall chart. Health rules for clean clothing. Div. I, Div. II.
332. **Cotton Quiz.** Booklet. Thirty questions and answers on cotton. Div. I, Div. II.
333. **Cotton—World's Most Versatile Fibre.** Chart: wearing apparel; industrial cotton; household cotton. Div. I, Div. II.
334. **Cottonseed and Its Products.** Chart. Junior High, Senior High.
335. **The Story of Cotton.** Pamphlet. 11 pp. Illustrated. History, culture and manufacture of cotton. Elementary (T), Junior High.

NATIONAL COTTONSEED PRODUCTS ASSOCIATION
Educational Service Office
618 Wilson Building
Dallas 1, Texas

336. **Cottonseed and its Products.** Booklet. 24 pp. Illustrated. Cottonseed; production, extraction, products, uses. All grades.

337. **How Cottonseed Serves You.** chart.

338. **Feeding Practices.** Booklet. Illustrated. Describes the care of farm animals as related to cottonseed, hay, other fodder. Elementary (T), Junior High.

NATIONAL COMMISSION ON SAFETY EDUCATION
National Education Association
1201 16th Street N.W.
Washington 6, D.C.

339. **Traffic at School.** A large useful chart dealing with traffic safety. (T).

NATIONAL FEDERATION OF COFFEE GROWERS OF COLOMBIA
120 Wall Street
New York 5, New York

340. **Colombia—the Land of Mountain Coffee.** Booklet. 32 pp. Describing Colombia, the land of mountain coffee. (T).

NATIONAL FIRE PREVENTION ASSOCIATION
Public Relations Department
60 Batterymarch Street
Boston 10, Massachusetts

341. **Hello, I am Fire.** A small but very interesting comic book story about fire. Elementary, Junior High.

NATIONAL FOOT HEALTH COUNCIL
Phoenix Building
Box 57
Rockland, Massachusetts

342. Sheets on correct fitting of shoes. Exercises to develop the strong feet. Physical Training (T).

NATIONAL HIGHWAY USERS CONFERENCE INC.
National Press Building
Washington 4, D.C.

343. **The Highway Transportation Story—In Facts.** Booklet. 30 pp. Illustrated. The relation of highway transportation to each of the major industries, entertainment, health and social life. Junior High, Senior High. In single copies only.

344. **Motor Manners.** Booklet. 46 pp. Rules and suggestions for courtesy and safety in traffic. Junior High, Senior High.

NATIONAL LIME ASSOCIATION
925 15th Street N.W.
Washington 5, D.C.

345. **100 Questions and Answers on Liming Land.** Booklet. 32 pp. Illustrated. Gives answers to questions that might arise about liming the soil. Senior High.

NATIONAL PLANT FOOD INSTITUTE
1700 K Street N.W.
Washington 6, D.C.

346. **Our Land and its Care.** Booklet. 72 pp. Illustrated. Soil classification, soil conservation; soil nutrients; fertilizers, their source, production and uses. Junior High, Senior High.

347. **The Soil that Feeds You.** Booklet. 40 pp. Illustrated. Describes how soil is formed, conserved and enriched. Junior High, Senior High.

348. **How to Take a Soil Sample.** A small folder showing correct way to get a soil sample. (T).

NATIONAL SOAP SCULPTURE COMMITTEE
36-40 37th Street
Long Island City 1, New York

349. **Soap Carving in the Classroom.** Pamphlet. 20 pp. Very useful giving helpful ideas about soap carving. Elementary (T) for Art and Enterprise work.

NATIONAL WILDLIFE FEDERATION
232 Carroll Street, N.W.
Washington 12, D.C.

350. **Soil Means Life.** Pamphlet. 7 pp. Giving details of soil conservation. Elementary, Junior High.

357. **Protecting Our Living Waters.** Pamphlet. 15 pp. Illustrated. Water pollution and its control. Elementary (T), Junior High.

NATURAL RUBBER BUREAU
1631 K Street N.W.
Washington 6, D.C.

352. **How Nature and Science Serve Mankind.** Booklet. 15 pp. Giving history of use of rubber and how the latter is gathered and processed. Elementary, Junior High.

353. **Story of Natural Rubber.** Pamphlet. 8 pp. Illustrated. Tells the story of the industry, and the people who live on the plantation. Elementary, Junior High.

354. **Map of Malaya.** Shows rubber producing areas, with interesting facts about Malaya on reverse side. Elementary, Junior High.

NETHERLANDS EMBASSY
168 Laurier Avenue
Ottawa, Ontario

355. **The Delta Plan.** Booklet. 15 pp. Illustrated. Tells of latest Dutch plans to exclude the North Sea. Div. II, Junior High.

356. **Fresh Fields and Polders, New.** Booklet. 63 pp. Illustrated. The story of the Zuider Zee works. Junior High, Senior High.

357. **Holland, A Short Survey.** Booklet. 17 pp. Gives concise information regarding Dutch industry, etc. Div. II, Junior High.

358. **Around the Clock with a Dutch Family.** Booklet. 29 pp. Illustrated. Family life in Holland. Div. II (T), Junior High.

359. **Map of Holland.** A folder containing pictures and information regarding the cities of Holland.

360. **Digest of the Netherlands:** 5 issues. 1. Constitutional organization and Political life; 2. Finance and Economy; 3. History and Political aspects; 4. Education and Cultural aspects; 5. Social aspects. (T).

361. **From Fisherman's Paradise to Farmer's Pride.** Teachers' reference.

NEWFOUNDLAND TOURIST DEVELOPMENT OFFICE
Fort Townshend
St. John's, Newfoundland

362. **Historic Newfoundland.** Booklet. 63 pp. Interesting information on Newfoundland. Lists of Newfoundland expressions included. (T).

NEW YORK STATE DEPARTMENT OF COMMERCE
112 State Street
Albany 7, New York

363. **Map of New York State** and various travel folders available. (T).

364. **This is New York State.** Booklet. 64 pp. Illustrated. History, beauty spots and economic importance of this Atlantic coastal area. Div. II (T), Junior High.

NUNN-BRUSH SHOE COMPANY
Milwaukee 1, Wisconsin

365. **The History of Shoes and Shoemaking.** Mimeo. 17 pp. How shoes are made. Elementary (T).

OFFICE OF THE COMMONWEALTH OF PUERTO RICO
2210 R Street N.W.
Washington 8, D.C.

336. A number of pamphlets describing life and customs of Puerto Rico. (T).

OFFICE OF THE HIGH COMMISSIONER FOR NEW ZEALAND
Ottawa, Ontario

367. **New Zealand Facts and Figures 1956.** Booklet. 112 pp. Illustrated. Gives statistics and information about New Zealand. Div. II (T), Junior High.

368. Colored Map, showing products. Printed information on reverse. Div. I, Div. II, Junior High.

369. **New Zealand.** Booklet. 48 pp. Describes people, industries, social services, policies. Elementary (T), Junior High.

ONTARIO SAFETY LEAGUE
1170 Bay Street
Toronto 5, Ontario

370. **School Safety Posters.** Posters on various aspects of safety, issued periodically during the school year. Price of subscription $3.00 for 10 posters and units of work. Posters suitable for use in Elementary, Junior High, Senior High.

371. **Safety Lessons for Elementary Grades.** Booklet. 48 pp. Giving lesson outlines featuring various aspects of safety for the elementary school. (T).

PAN AMERICAN COFFEE BUREAU
Educational Department
120 Wall Street
New York 5, New York

372. Large, colored coffee-production map of South America. Elementary, Junior High. One map to a class.

373. Set of six large photographs showing coffee plants and beans at various stages of growth and production. Elementary, Junior High.

PAN AMERICAN WORLD AIRWAYS
Educational Director
28-19 Bridge Plaza North
Long Island City, N.Y.

374. **Adventures in Education.** "A Scholar's guide to summer study and educational travel abroad." (T).

375. **Aviation's One World.** Booklet. 31 pp. Illustrated. Maps. Describes "the place of international air transportation in modern living, using the New York-London flight as an example." Div. II, Junior High, Senior High.

376. **The Classroom Clipper.** Periodical. Illustrated. About 16 pp. Five times a year. Each issue includes a teaching unit covering an area served by the Flying Clippers. Up-to-date information on foreign countries. Elementary (T), Junior High, Senior High.

377. **The Flying Clippers.** Booklet. 12 pp. Describing the latest jet aircraft and operation of jets. (T).

PORTER CHEMICAL COMPANY
Hagerstown, Maryland

378. **Your World of Science.** Small booklet. 15 pp. Containing descriptions of a few experiments of interest to Elementary students in Science.

PORTUGUESE GOVERNMENT TOURIST INFORMATION
447 Madison Avenue
New York 22, New York

379. Large Products Map of Portugal. Elementary.

380. Information leaflet on Portuguese culture. Elementary (T), Junior High.

POST OFFICE DEPARTMENT
Special Assistant to the Post Master
Washington 25, D.C.

381. Folder giving history of air delivery of mail in the U.S.A. (T).

REVERE COPPER AND BRASS INC.
230 Park Avenue
New York 17, New York

382. **Paul Revere—Pioneer Industrialist.** Booklet. 48 pp. Illustrated. Interesting facts about the history of the American copper industry. Elementary (T), Junior High, Senior High.

383. **Paul Revere's Ride.** Portfolio with text of the poem and reproductions in color of four of Joseph Beale's paintings. Div. II, Junior High.

384. **Copper—The Oldest and the Newest Metal.**

ROBIN HOOD FLOUR MILLS LIMITED
Calgary, Alberta

385. **Bread Making Made Easy.** Booklet. Home Economics classes.

386. **Sweet Dough Recipes.** Booklet. Home Economics classes.

387. **Milling Chart.** Wall chart showing operation of a flour mill and describing nature of various parts of wheat. Useful in upper Elementary grades.

ROCK OF AGES
Barre, Vermont

388. **History of Granite.** Booklet. 16 pp. Showing how granite is quarried. Elementary, Junior High.

ROYAL BANK OF CANADA
Head Office
Montreal, Quebec

389. **Woodlots for Comfort, Profit, Protection.** Booklet. 27 pp. Illustrated. Describes the management of forested areas. Div. II (T), Junior High.

390. **Conservation of Wildlife.** Booklet. 23 pp. Covers all areas of nature conservation. Div. II, Junior High.

391. **Bird Houses are Fun to Build.** Plans for bird houses. Div. II, Junior High (T).

392. **Making Money by Saving Soil.** Booklet. 20 pp. Useful conservation booklet for Teachers' reference, Junior High.

393. **Conserving Canada's Resources.** Booklet. 44 pp. Containing a selected group of monthly letters dealing with conservation. Mainly of use as a Teachers' reference.

ROYAL DANISH LEGATION
446 Daly Avenue
Ottawa 2, Ontario

394. **Where Few have too Much and Fewer too Little.** Booklet. 30 pp. Illustrated. Describing life and economy of Denmark.

395. **Picturesque Denmark.** Folder. Eleven colored pictures of beautiful spots in Denmark. Map. Elementary.

396. **About Denmark.** Booklet. 64 pp. Illustrated. Describes the cultural life of the people of Denmark, and something of the history of the country. Elementary (T), Junior High.

397. **Meet 4 Million Friends in Denmark.** Folder. Illustrated. Map. Elementary.

ROYAL GREEK EMBASSY
Office of Press and Information
Box 1094—Station B
Ottawa, Ontario

or Information Service
2211 Massachusetts Avenue N.W.
Washington 8, D.C.

398. **The Glory That Is Greece.** Booklet. Illustrated. Brief sketch of Greek history and 32 plates illustrating ancient and modern Greece. Junior High, Senior High, Elementary.

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INDEX

Accidents 451
Aeroplanes 120, 375, 376, 377, 381, 427, 450, 464, 465, 466, 467, 468
Air Travel 374, 375, 376, 448, 449
Africa 459, 460, 461, 462, 463
Agriculture 13, 14, 189, 276, 419
Alaska 284, 285, 286, 404, 405, 406, 427, 428
Alaska Highway 129
Alberta 188
Allergies (see diseases)
Aluminum 18, 19, 20, 21, 22, 23, 24, 25, 326
Animals 30, 32, 33, 72, 433, 435, 437, 439, 481, 483, 486, 507
Antibiotics 1
Art 288
Atomic Energy 121, 479
Australia 70, 71, 72, 73, 74, 75, 76
Automobiles 225, 226

Badminton and Tennis 287, 307
Bananas 469, 470
Basketball 197
Bird Houses 156, 391
Birds 31, 72, 155, 158, 159, 160, 161, 162, 427, 481, 486
Bookcraft 235
Bolivar, Simon 186
Brazil 102, 103, 104, 105
Bread 77, 78, 177, 385, 386, 387

Camera Club 149
Cameras 147, 148, 150
Campers (Camping) 425
Canada (Geography) 17, 24, 130, 131, 132, 133, 134, 393, 427
Cattle (see Livestock)
Cellophane 208
Chamois 407
Cheese 291, 292
Chemicals 118, 119, 207, 220
Chemistry 135, 137, 142, 209, 222, 223, 241
Chocolate 250
Clay 179, 326
Clubs (nature) 328
Coal 97, 98, 99, 100, 101
Coffee 340, 372, 373
Communication 3, 4, 5, 6
Conservation (Forest) 157, 484, 486, 488
Conservation (Soil) 187, 234, 346, 350, 392, 477, 491, 492, 493, 494
Conservation (Water) 196, 276, 351, 485, 494

Copper 54, 180, 181, 182, 382, 384
Copyrights 183
Cork 56
Cotton 96, 204, 305, 306, 330, 331 332, 333, 334, 335, 336, 337, 338, 502

Dairying 433
Dams 495, 496, 497
Da Vinci, Leonardo 261
Denmark 394, 395, 396, 397
Diseases 15, 192, 279, 280, 281, 320
Drills (see Tools)

Eire (see Ireland)
Electricity 16, 17, 122, 123, 124, 125, 126, 210, 211
Electronics 441, 442
Engineering 123, 127, 128
Eyes 86, 93

Famous Historical People 186, 191, 261, 270, 321, 322, 323, 324, 382, 383

Farm Machinery 276
Felt 27, 28, 29
Fertilizers 46, 47, 48, 419
Fibers (synthetic) 207, 208
Fire 341, 489
First Aid 88, 209
Fish 498
Flour Mill 387
Foods 55, 77, 78, 79, 80, 81, 169, 177, 178, 247, 248, 249 282, 289, 290, 291, 292, 386, 456
Forests 48, 157, 389, 484, 486, 487, 488, 489, 490, 508 509, 510, 511, 512, 518

France 232, 233
Frogs 503
Fruits 112, 113, 114, 245, 246

Germany 236, 237, 238, 239
Glass 184, 185, 298, 299, 300, 301
Glassblowing 139, 186
Glycerine 240, 242
Grain 14, 189
Granite 388
Grass 434
Greece 398, 399
Gyroscope 424

Hawaii 244, 246
Health 35, 52, 145, 146, 168, 179, 191, 193, 195, 198, 277, 279, 280, 281, 282, 283, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 342, 343,

Health Heroes 191, 321, 322, 323, 324
Hobbies 51, 442
Holland (see Netherlands)
Horses 481, 483
Hydro-Electric Power 18, 19

Indonesia 173, 174, 175, 176
Ink 251, 252
Ireland 213
Irrigation 495, 496, 497
Italy 267, 268, 269, 270, 271, 272, 273, 274

Jamaica 275
Japan 172
Jets (see Aeroplanes)
Juneau 284, 285
Knitting and Crocheting 92

Leather 295, 296, 297
Lenses 84, 87
Library of Congress 302
Life Insurance 151, 152, 153, 154
Lighthouses 480
Lime (Liming) 345
Linen 264, 265, 266
Livestock 435, 437

Malaya 354
Manitoba 253
Meats 432
Mexico 427
Microscope 37, 82, 83, 85
Money Management 152, 153
Music 108, 109, 217
Musical Instruments 108, 170

Natural Gas 409
Netherlands 355, 356, 357, 358, 359, 360, 361
New Brunswick 253
Newfoundland 362
New York 363, 364
New Zealand 367, 368, 369
Nickel 263
Norway 400, 401, 402
Nova Scotia 253
Nuclear Energy (see Atomic Energy)
Numbers 206, 262
Nutrition (see Food)
Nuts 106, 107, 199

Nylon 91, 208

Oil 38, 39, 40, 41, 254, 255, 256, 257, 258, 408, 410, 411, 412, 413, 414, 415, 417, 418

Olives 111, 116, 117
Ontario 253
Optics 36
Orlon 207
Ottawa 447

Paints 26
Paper 423, 508, 517, 518
Pencils 34
Petroleum (see Oil)
Photography (see Cameras)
Plants 43, 44, 46, 47, 427, 436, 478
Plaster Casts 504
Portugal 379, 380
Posture 52
Potash 42, 43, 44, 45, 46, 47, 48
Poultry 419, 437
Prince Edward Island 253
Publishing 200, 201
Pyroceram (see Glass)

Quebec 253

Railroad 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69
Rambouillet Sheep 49, 50
Red Cross 145
Revere, Paul 382, 383
Rice 304
Rubber 94, 95, 176, 202, 203, 219, 352, 353, 354

Safety 2, 8, 10, 11, 12, 136, 138, 198, 278, 339, 343, 344, 370 371, 425, 426
Safety (Laboratory) 144, 220, 221
Safety (Patrols) 7, 9
Salt 327
Sanitation 194, 196, 198
Saskatchewan 253
School Newspaper (see Publishing)
Science 190, 378
Sewing 92, 420, 421
Sheep 49, 50, 481, 513
Shells 416
Shoes 365
Silk 89, 90, 91
Silkworms 505

Soap (Carving) 349
Soil 44, 45, 187, 276, 293, 294, 346, 347, 348, 350, 392, 438, 477, 478, 488, 491, 492, 493, 494
South Africa (see Africa)
Space Travel 329, 427, 428
Spain 214, 215
Spelling 315
Spices 308, 309, 312, 313, 314
Sponges 407
Sport 197, 287, 307
Steel 259, 260
Sugar 115, 303, 306, 429, 430, 431
Sulphur 137, 409, 445, 446
Swine 419, 435, 481, 482

Tea 311, 403
Telephone 3, 4, 5, 6
Telescope 422
Tennessee Valley 444
Terylene 140, 141
Textiles (see Cotton, Silk, Wool, Linen, etc.)
Time (telling) 243, 507
Tires 205
Tools 164, 165, 166, 167, 168, 207
Traffic Safety (see Safety)
Trains (see Railroad)
Travel 374, 375, 376, 448, 449
Trees (see Forests)
Tuberculosis (see Diseases)
Turkey 454, 455, 456
Typewriter 457

United Kingdom 471, 472, 473, 474, 475, 476
United Nations 427
United States 227, 228, 229, 230, 231
Uranium 458

Vanilla 310
Viet-Nam 216, 217, 218

Watches 243
Water 196, 276, 351, 485
Waterfowl (see Birds)
Weather 208, 212, 443, 452, 453, 499, 500, 501
Wildlife 143, 162, 234, 390
Wool 514, 516
Writing (English) 171

Zinc 53

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